91-00675/

Printed on paper that contains recovered waste

Imprimé sur du papier à base de matériels récupérés

Published by authority of
the Minister of the Environment

Publié avec l'autorisation
du ministre de l'Environnement

© Minister of Supply and Services Canada 1990
Cat. No. En 36-401/1989
ISBN 0-662-57557-1

© Ministre des Approvisionnements et Services Canada 1990
N° de cat. En 36-401/1989
ISBN 0-662-57557-1

Environment Canada Environnement Canada

Surface Water Data

Ontario

Données sur les eaux de surface

1989

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1990

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
OTTAWA , CANADA, 1990

PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Regional Chiefs of the Water Resources Branch at Guelph, Ontario and Winnipeg, Manitoba.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision des Chefs régionaux de la Direction des ressources en eau, à Guelph (Ontario) et Winnipeg (Manitoba).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents for the 1989 calendar year, the results of the hydrometric survey investigations which were made in Ontario, by the Water Survey of Canada.

Details on individual stations and related records, as well as recent data which have not yet been published, may be obtained upon application to:

Water Resources Branch,
Department of the Environment,
Federal Building,
75 Farquhar Street,
Guelph, Ontario.
N1H 3N4
(519 821-0110)

Water Resources Branch,
Department of the Environment,
521 Federal Building,
269 Main Street,
Winnipeg, Manitoba.
R3C 1B2
(204 983-2435)

or to the Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0H3 (819 997-2098).

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INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente, pour l'année civile 1989, les résultats des relevés hydrométriques que la Division des relevés hydrologiques du Canada a effectués en Ontario.

En s'adressant aux endroits ci-après, on peut obtenir des renseignements supplémentaires sur certaines stations particulières et divers relevés, ainsi que des données récentes non encore publiées:

Direction des ressources en eau
Ministère de l'Environnement
Édifice fédéral
75, rue Farquhar
Guelph (Ontario)
N1H 3N4
(519 821-0110)

Direction des ressources en eau
Ministère de l'Environnement
521 Édifice fédéral
269, rue Main
Winnipeg (Manitoba)
R3C 1B2
(204 983-2435)

ou au Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0H3 (819 997-2098).

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

During 1989, the hydrometric surveys in Ontario were conducted by the Water Survey of Canada under agreement with the Province of Ontario. The provincial authorities contributed to the cost of the basic field investigations which were carried out in accordance with mutually agreed-upon plans.

In Ontario, hydrometric survey operations during the years 1912 to 1919 were carried out by the Hydro-Electric Power Commission of Ontario and the results were published in the annual reports of the Commission. Commencing October 1, 1919, under the terms of a co-operative arrangement with the Commission, the Dominion Water and Power Bureau assumed the responsibility for the hydrometric and fundamental water resources investigations in the province. Although this arrangement was terminated on March 31, 1933 work was continued by the federal government under letter arrangement with the Province of Ontario and the Hydro-Electric Power Commission until 1975. A co-operative agreement, (with an implementation date of April 1, 1975), was signed with the Government of Ontario on June 12, 1975. The agreement provides that water quantity surveys will be continued by the federal government on a shared cost basis and in close co-operation with Ontario Hydro, Ontario Ministry of Natural Resources and the Ontario Ministry of the Environment.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

En 1989, la Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques en Ontario en vertu de l'accord conclu avec les autorités provinciales, qui ont contribué au coût des recherches de base réalisées sur le terrain, après entente mutuelle sur leur programme.

En Ontario, la Commission d'énergie hydro-électrique de l'Ontario a effectué entre 1912 et 1919 des relevés hydrométriques, et on a publié dans les rapports annuels de cette Commission les résultats ainsi recueillis. En vertu d'une entente de coopération conclue avec cette dernière, le Bureau fédéral de l'eau et de l'énergie a assumé, à compter du 1er octobre 1919, la responsabilité de la conduite, en Ontario, de recherches hydrométriques et de recherches fondamentales sur les ressources en eau. L'entente a pris fin le 31 mars 1933, mais en vertu d'une lettre d'entente avec la province de l'Ontario et la Commission d'énergie hydro-électrique de l'Ontario, le gouvernement fédéral a continué d'exécuter les observations hydrométriques jusqu'en 1975. Le 12 juin 1975, le gouvernement de l'Ontario a signé un nouvel accord, qui est entré en vigueur le 1er avril 1975, renfermant des dispositions grâce auxquelles le gouvernement fédéral s'occupera du programme de relevés hydrométriques, en étroite collaboration avec l'Hydro-Ontario et les ministères des Ressources naturelles et de l'Environnement de l'Ontario, et partagera le coût des mesures avec la province.

CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

This publication includes the annual water level data for the Tides and Water Level Network in Ontario on the Great Lakes and the St. Lawrence River. These data are collected and prepared under a Memorandum of Understanding between the Environmental Conservation Service and Ocean Science and Surveys. This memorandum recognizes the need for both parties to collect and publish water level data for their respective needs of management of the water resources and navigation. Under the memorandum the Water Resources Branch operates and maintains the water level gauges owned by the Canadian Hydrographic Service and the data are prepared by the Marine Environmental Data Services Branch of Ocean Science and Surveys. The data prior to 1981 were compiled and published by the Canadian Hydrographic Service in an annual

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La présente publication renferme les données sur les niveaux d'eau annuels enregistrés au réseau de mesure des marées et des niveaux d'eau sur les Grands lacs et le Saint-Laurent, en Ontario. Ces données sont recueillies et préparées en vertu d'un protocole d'entente conclu entre le Service de la conservation de l'environnement et les Sciences et levés océaniques. Ce protocole reconnaît que les deux parties sont tenues de recueillir et de publier des données sur les niveaux d'eau pour leurs propres besoins de gestion des eaux et de navigation. À cette fin, la Direction des ressources en eau exploite et entretient les jauges appartenant au Service hydrographique du Canada, tandis que la Direction des services des données sur le milieu marin des Sciences et levés océaniques s'occupe de la préparation des données. Avant 1981, le Service hydrographique du Canada a compilé et publié ces données dans

publication series entitled "Water levels, Daily Means" which will continue for the stations downstream of Lac St. Pierre on the St. Lawrence and on the marine coasts.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to the following organizations:

Federal – Department of Fisheries and Oceans;
International Lake Superior Board of Control;
International Lake of the Woods Control Board;
International Niagara Board of Control;
International Rainy Lake Board of Control;
International St. Lawrence River Board of Control;
Ministry of Transport (Canada).

Provincial – Ontario Hydro;
Ontario Ministry of Natural Resources;
Ontario Ministry of the Environment.

Private – Abitibi-Price Inc.;
Great Lakes Power Company Limited;
Algoma Steel Corporation Limited;
Eddy Forest Products Limited;
International Nickel Company of Canada Limited;
Great Lakes Forest Products Limited;
Spruce Falls Power and Paper Company;
Ontario Minnesota Pulp and Paper Company Ltd.

le cadre d'une série annuelle intitulée: «Niveaux d'eau: Moyennes journalières», série qui continuera de paraître pour les stations situées en aval du lac St-Pierre, sur le Saint-Laurent, et sur les côtes maritimes.

La Division des relevés hydrologiques du Canada est redevable aux organismes suivants de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques:

Niveau fédéral – Ministère des Pêches et Océans
Comité international de contrôle du lac Supérieur,
Comité international de contrôle du lac des Bois,
Comité international de contrôle de Niagara,
Comité international de contrôle du lac Rainy,
Comité international de contrôle du fleuve Saint-Laurent,
Ministère des Transports (Canada).

Niveau provincial – Hydro-Ontario,
Ministère des Ressources naturelles de l'Ontario,
Ministère de l'Environnement de l'Ontario.

Secteur privé – *Abitibi-Price Inc.,*
Great Lakes Power Company Limited,
Algoma Steel Corporation Limited,
Eddy Forest Products Limited,
International Nickel Company of Canada Limited,
Great Lakes Forest Products Limited,
Spruce Falls Power and Paper Company,
Ontario Minnesota Pulp and Paper Company Limited.

EQUIVALENTS OF MEASURE

The following list of convenient equivalents of measure includes the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 m^3 (cubic metre)
1 m^3 (cubic metre) equals 35.315 cubic feet
1 dam^3 (cubic decametre) equals 1000 m^3 (cubic metres)
1 dam^3 (cubic decametre) equals 1 mm (millimetre) over 1 km^2 (square kilometre)

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)
1 m^3/s (cubic metre per second) for one day equals 86.4 dam^3 (cubic decametre)
1 m^3/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit − 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

ÉQUIVALENCES DES UNITÉS DE MESURE

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 m^3 (mètre cube)
1 m^3 (mètre cube) vaut 35.315 pieds cubes
1 dam^3 (décamètre cube) vaut 1000 m^3 (mètres cubes)
1 dam^3 (décamètre cube) vaut 1 mm (millimètre) qui couvre 1 km^2 (kilomètre carré)

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)
1 m^3/s (mètre cube par seconde) pour un jour vaut 86.4 dam^3 (décamètre cube)
1 m^3/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit − 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m^3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Equivalents of Measure".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 300 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Équivalences des unités de mesure».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 300 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1983 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1983 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

During the years 1948 to 1960, some sediment data were collected for several Prairie rivers to meet the needs of particular projects. The first Water Resources Paper series containing sediment data incorporated a selection of these data and also data for part of the year ending September 30, 1961, at stations established for the continuing program. The second issue was a biennial publication covering only the continuing program for the 1962 and 1963 water years. All subsequent editions titled *Sediment Data Canadian Rivers* have been published annually. The sediment data since 1978 have been presented entirely in the International System of Units (SI).

De 1948 à 1960, on a recueilli des données pour plusieurs cours d'eau des Prairies en prévision de la réalisation de certains projets. La première publication contenant des données sur les sédiments a paru dans la série intitulée *Water Resources Paper*; elle présentait un choix de ces données ainsi que des données recueillies en 1961 avant le 30 septembre à des stations établies pour la réalisation du programme permanent. La deuxième publication a porté sur les données recueillies dans le cadre du programme au cours des années hydrologiques 1962 et 1963. Par la suite, les données ont été publiées annuellement sous le titre *Données sur les sédiments - rivières canadiennes*. Depuis 1978, les données sont exprimées en unités du Système international (SI).

Commencing with 1984, the *Sediment Data* are presented and published in a new format wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island, which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province or territories covered and the year in which the data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations in Canada where sediment data were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations also listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions because it contains any corrections or additions since the last publication.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). This publication has been discontinued, as much of the information is now included in the new annual *Sediment Data* publication.

METHOD OF TABULATION OF SURFACE WATER DATA

For gauging stations where a systematic record of water level or discharge was obtained during the year under review, the following are given where available:

1. Table of daily water level or discharge;
2. Summary of monthly and annual data;
3. Descriptive information.

1. *The table of daily water level* or *discharge* gives the daily water level in metres or the daily discharge in cubic metres per second at the gauging station.

The following standard symbols are used opposite the daily stage or discharge to which they apply:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge. This symbol is used during open-water periods only.

B – Ice Conditions – indicates that for a gauging station where discharge data are obtained the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

En 1984, la présentation des données a été modifiée. Le Canada a été divisé en huit régions, une région pour chaque province, sauf le Nouveau-Brunswick, Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui, ensemble, forment la région des provinces de l'Atlantique, et les Territoires du Yukon et du Nord-Ouest, qui forment une autre région. Les publications sont nommées selon la région couverte et l'année des données (année civile). Ces publications sont annuelles. Les stations y sont présentées par ordre alphabétique.

Un *Index de référence des données sur les sédiments* est publié. La première édition portait sur les données disponibles jusqu'en 1972. Les emplacements où des données sur les sédiments ont été recueillies au Canada par la Division des relevés hydrologiques y sont présentés sous forme de tableau. L'*Index* est subdivisé selon l'ordre alphabétique par province ou territoire, et les stations de mesure des sédiments sont classées par ordre alphabétique. À partir de 1978, les données sont exprimées en unités du Système international (SI). L'*Index* est publié tous les deux ans; l'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour effectuées depuis la dernière parution.

Une autre série de publications a porté le titre *Sommaire chronologique des données sur les sédiments de rivières canadiennes*. La première édition renfermait les données disponibles jusqu'en 1974. Cette série présentait un résumé donnant les moyennes mensuelles et annuelles historiques du débit des sédiments en suspension, les valeurs annuelles extrêmes de la concentration journalière et du débit journalier des sédiments en suspension et le débit annuel total des sédiments en suspension. À partir de 1978, les données ont été présentées en unités du Système international (SI). Cette série a été abandonnée, car une bonne partie de l'information est maintenant contenue dans la nouvelle publication annuelle intitulée *Données sur les sédiments*.

PRÉSENTATION SOUS FORME DE TABLEAUX DES DONNÉES SUR LES EAUX DE SURFACE

Pour les stations de jaugeage où on a effectué, au cours de l'année étudiée, un relevé systématique du débit ou du niveau, les données suivantes sont présentées, pour autant qu'elles soient disponibles:

1. un tableau du niveau ou du débit quotidien;
2. un extrait des données mensuelles et annuelles;
3. des renseignements descriptifs.

1. *Le tableau du niveau* ou *du débit quotidien* donne la hauteur des eaux, en mètres ou le débit, en mètres cubes par seconde, mesuré à la station de jaugeage.

Les symboles normalisés donnés ci-après sont inscrits à côté des valeurs auxquelles ils se rapportent:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne pour la journée en question. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique, pour les données portant sur le débit, que la présence de glaces à la station de jaugeage a faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphiques, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

2. *A summary of monthly and annual data* is given below the table of daily data.

For stations where only water level data are obtained, both a monthly and annual summary are given.

The monthly summary gives:
(a) the mean water level in metres for complete months;
(b) the maximum and minimum daily water level in metres.

The summary for the year gives:
(a) the mean water level in metres for complete years;
(b) the maximum and minimum daily water levels and their dates of first occurrence where applicable;
(c) the maximum instantaneous water level and the time of occurrence where available.

For stations where discharge data are collected, both a monthly and annual summary are given.

The monthly summary gives:
(a) the total of the daily discharge values for complete months;
(b) the mean discharge in cubic metres per second;
(c) the total discharge in cubic decametres;
(d) the maximum and minimum daily discharges in cubic metres per second.

The summary for the year or period gives:
(a) the mean discharge in cubic metres per second;
(b) the total discharge in cubic decametres;
(c) the maximum and minimum daily discharges and their dates of first occurrence;
(d) the maximum instantaneous discharge and the time of occurrence, where available.

3. *The descriptive information* about the gauging station is also given below the table of daily data and will indicate the following where applicable:

International Gauging Stations – on waters adjacent to the international boundary, certain gauging stations have been designated as "International" and records are approved jointly. Differences between figures published herein and corresponding figures in United States Water Supply Papers are due to variations in automated data processing techniques.

Type of Gauge – refers to the installation or method used to obtain water level or discharge data:

(a) Manual – a non-recording type of gauge from which observations of stage normally are obtained once daily.
(b) Recording – a water-stage recorder from which continuous water levels are obtained on an analog chart. For most International Gauging Stations located in the United States, water level records are obtained utilizing a digital recorder.
(c) Power Plant Rating – this indicates that records were obtained using the latest available rating of the Power Plant.

2. *Un extrait des données mensuelles et annuelles* est donné au-dessous du tableau des données quotidiennes.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le niveau.

L'extrait mensuel donne:
(a) le niveau moyen en mètres pour le mois entier, et
(b) les niveaux quotidiens maximal et minimal en mètres.

L'extrait annuel donne:
(a) le niveau moyen en mètres pour l'année entière;
(b) les niveaux quotidiens maximal et minimal ainsi que les dates de leur première observation, s'il y a lieu, et
(c) le niveau maximal instantané et l'heure de l'observation, s'il y a lieu.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le débit.

L'extrait mensuel donne:
(a) le total des valeurs quotidiennes du débit, pour le mois entier;
(b) le débit moyen en mètres cubes par seconde;
(c) le débit total en décamètres cubes, et
(d) les débits quotidiens maximal et minimal en mètres cubes par seconde.

L'extrait annuel ou périodique donne:
(a) le débit moyen en mètres cubes par seconde;
(b) le débit total en décamètres cubes;
(c) les débits quotidiens maximal et minimal ainsi que les dates de première observation, s'il y a lieu, et
(d) le débit maximal instantané et l'heure de l'observation, s'il y a lieu.

3. *Les renseignements descriptifs* sur les stations de jaugeage sont également présentés sous le tableau des données quotidiennes et apportent les précisions qui suivent, s'il y a lieu:

Stations internationales de jaugeage (International Gauging Stations) – Dans les eaux contiguës aux frontières, on a désigné certaines stations comme «internationales», et les données prélevées sont approuvées par les pays concernés. Les différences entre les chiffres publiés dans la présente publication et les *United States Water Supply Papers* proviennent de variantes dans les techniques de traitement automatique des données.

Type de jauge (Type of Gauge) – Il s'agit des jauges ou des méthodes de jaugeage utilisées pour obtenir les données sur le niveau et le débit d'un cours d'eau:

(a) Manuelle (Manual) – indique qu'un appareil non enregistreur sert à obtenir une fois par jour les données sur le niveau et le débit d'un cours d'eau.
(b) Enregistreuse (Recording) – indique qu'un limnigraphe permet de mesurer de façon continue le niveau des eaux tracé sur une carte analogique. La plupart des stations internationales de jaugeage des États-Unis obtiennent les données sur le niveau des eaux à l'aide d'un enregistreur numérique.
(c) Régime des stations hydrauliques (Power Plant Rating) – indique qu'on a obtenu les données grâce aux valeurs les plus récentes des régimes mesurés dans les stations hydrauliques.

Location – the latitude and longitude co-ordinates of the location of the gauge are given. For stations where the gauge is located an appreciable distance from the discharge measurement section, these co-ordinates give the location of the discharge measurement section.

Drainage Area – this is the latest available drainage area and refers to that area enclosed by a topographic divide such that direct surface runoff from precipitation would drain by gravity into the stream upstream from the location of the station. For a gauging station on a lake, this refers to the total drainage area at the outlet of the lake.

Contributed Data – if data were supplied in their entirety by an outside agency, the name of the co-operating agency is given.

Natural Flow or *Regulated* – where the flow is known to be natural, this is indicated. The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known.

Gauge Datum – for stations where only water level data are available, the name of the datum, to which water levels are referred, is given as well as an equation to convert to another datum if applicable. Detailed information on the description of the bench marks to which water levels are referred is available from the appropriate Regional Chief.

Remarks – unusual conditions which occur at a station are explained.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Recent revisions, corrections or additions made to the historical discharges and water levels are indicated by an "R" symbol in the summary publications. This "R" symbol is deleted from the data bank after publication of the summaries. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

Emplacement (Location) – La latitude et la longitude de la station de jaugeage sont indiquées. Dans les cas où l'équipement de mesure est situé à un endroit éloigné de la section où le jaugeage est effectué, on indique les coordonnées de cette section.

Superficie du bassin versant (Drainage Area) – Il s'agit de la superficie du bassin versant déterminée d'après les cartes les plus récentes et désigne la zone délimitée par une ligne de partage des eaux de sorte que l'écoulement d'averse est entraîné par gravité vers le cours d'eau en amont de la station. S'il s'agit d'une station située sur un lac, elle représente la superficie totale jusqu'à l'émissaire du lac.

Données fournies (Contributed Data) – Nom de l'organisme extérieur qui a fourni les données.

Débit naturel ou *régularisé* (Natural Flow or Regulated) – Un débit reconnu comme naturel est indiqué comme tel. Le débit de plusieurs réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependent, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue).

Plan de référence des jauges (Gauge Datum) – Pour les stations dans lesquelles on ne mesure que le niveau de l'eau, on indique le plan de référence de la jauge en question et l'équation permettant, au besoin, de convertir ce plan en un autre plan. En s'adressant au chef régional concerné, on peut obtenir des renseignements plus précis au sujet des niveaux de référence auxquels correspondent les niveaux mesurés.

Remarques (Remarks) – Les conditions inhabituelles qui prévalent à une station sont expliquées.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées récemment aux débits chronologiques et aux niveaux d'eau sont accompagnées du symbole «R» dans les publications sommaires. Ce symbole «R» est omis de la banque de données après la publication des sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon

(1) The type of gauge, stability of gauge, accuracy of observation of stage and measurement of reference datum,

(2) The stability of the stage-discharge relationship; or if the control is unstable, the frequency and accuracy of discharge measurements, and

(3) The computation procedures and interpretation of records.

Because of all these variable factors, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data. The Water Resources Branch standard for storing water level data is to three decimal points (0.001 m), although some contributing agencies provide data to two decimal points (0.01 m).

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, E and B (for discharge data).

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur

(1) Le type de jauge, la stabilité de la gauge, la précision des observations sur les niveaux et de la mesure de la donnée de référence,

(2) La stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence et la précision des mesures de débits, et

(3) L'évaluation des procédés et l'interprétation des chiffres.

À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données. Dans la Direction des ressources en eau, les normes de cueillette des données sur le niveau des eaux sont de l'ordre de trois décimales (0.001 m), alors que certains organismes dans ce domaine n'exigent que deux décimales (0.01 m).

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, E et B (pour les données de débits).

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

SURFACE WATER DATA/DONNÉES SUR LES EAUX DE SURFACE

ABITIBI RIVER AT ABITIBI CANYON - STATION NO. 04HE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	229	231	248	285	590	853	348	284	230	174	236	249	1
2	220	243	264	250	627	888	241	249	245	183	251	200	2
3	268	256	252	262	648	814	187	212	185	151	250	202	3
4	211	228	251	250	807	837	143	291	188	185	246	172	4
5	238	232	228	238	1 210	868	188	291	135	188	222	188	5
6	252	253	258	255	1 220	877	202	251	133	186	232	207	6
7	245	260	258	247	1 210	884	197	251	188	180	241	243	7
8	284	232	188	234	1 080	833	202	242	188	139	280	186	8
9	272	251	199	238	871	498	178	283	188	121	228	128	9
10	274	248	207	234	884	824	233	272	88.5	186	228	188	10
11	281	270	201	208	831	730	218	251	143	187	244	220	11
12	232	258	237	237	783	628	308	281	119	192	227	188	12
13	234	288	187	284	808	583	315	251	133	208	283	211	13
14	288	250	228	288	848	573	314	251	188	184	208	203	14
15	251	256	217	250	850	480	243	228	182	130	208	218	15
16	252	228	220	248	881	521	238	211	142	188	192	230	16
17	255	255	224	238	798	548	274	287	82.3	170	225	103	17
18	243	252	201	234	702	478	237	238	128	177	182	188	18
19	235	211	188	284	824	852	218	264	170	178	188	220	19
20	284	251	211	290	847	828	210	223	120	152	220	184	20
21	246	232	218	287	885	801	201	255	158	188	188	224	21
22	188	230	240	302	1 040	458	202	207	173	143	218	240	22
23	252	258	203	307	1 250	443	218	280	188	183	172	218	23
24	251	275	218	313	1 310	448	248	237	82.3	208	171	188	24
25	238	283	188	318	1 400	402	244	213	130	229	181	138	25
26	237	252	187	318	1 390	388	253	227	188	214	218	212	28
27	258	288	218	388	1 280	447	282	243	183	248	241	208	27
28	288	258	188	834	1 250	481	228	218	188	247	222	188	28
29	281		233	878	1 130	478	281	213	184	240	240	208	28
30	271		207	858	1 010	407	257	275	178	222	221	223	30
31	287		197		852		287	287		220		174	31
TOTAL	7 719	6 995	6 720	8 008	29 773	18 377	7 380	7 615	4 809.1	5 681	6 628	6 183	TOTAL
MEAN	249	250	217	300	880	548	237	248	184	183	221	194	MEAN
MAX	281	280	258	834	1 400	853	348	291	245	249	283	249	MAX
MIN	188	211	188	208	590	385	143	207	88.5	121	182	103	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 314
MAXIMUM DAILY, 1 400 ON MAY 25
MINIMUM DAILY, 88.5 ON SEP 10

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 52 85 N
LONG 81 34 00 W
DRAINAGE AREA, 22 800 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	687 000	JUL	636 000
FEB	804 000	AUG	658 000
MAR	781 000	SEP	398 000
APR	778 000	OCT	488 000
MAY	2 570 000	NOV	872 000
JUN	1 410 000	DEC	532 000

TOTAL DISCHARGE, 8 880 000 dam³

ABITIBI RIVER AT IROQUOIS FALLS - STATION NO. 04MC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	186	203	205	208	328	434	181	194	152	122	113	181	1
2	188	196	204	204	285	396	188	194	136	133	113	130	2
3	192	200	203	204	328	384	144	194	138	121	112	137	3
4	181	203	211	208	414	400	112	194	135	121	110	178	4
5	180	203	189	208	414	388	138	194	138	124	112	170	5
6	185	201	203	204	428	389	137	194	151	128	110	180	8
7	183	227	203	208	371	358	100	194	138	121	113	187	7
8	187	193	200	208	334	378	130	194	130	121	114	187	8
8	194	198	194	212	352	402	187	194	141	122	112	142	8
10	190	197	204	207	348	433	188	194	139	121	112	141	10
11	188	188	207	203	315	423	194	194	138	121	112	143	11
12	188	188	188	208	285	397	194	194	136	122	104	152	12
13	188	194	188	208	282	373	194	194	138	122	102	174	13
14	185	188	187	201	267	381	194	194	138	118	109	183	14
15	183	188	207	191	288	388	194	194	131	118	110	181	15
16	188	191	202	191	288	388	188	194	124	118	118	134	16
17	188	200	188	211	282	382	188	194	120	117	114	137	17
18	183	207	187	218	273	387	173	193	127	114	118	182	18
19	188	204	202	214	284	383	170	194	124	131	114	188	19
20	181	211	188	232	242	377	178	188	124	127	112	173	20
21	188	208	188	248	320	384	188	193	121	117	112	188	21
22	188	208	208	218	488	380	184	194	122	118	117	170	22
23	181	208	200	183	511	358	193	187	121	118	137	142	23
24	188	207	188	218	584	341	184	184	122	118	172	141	24
25	188	204	202	288	572	343	184	184	128	118	188	140	25
26	187	208	188	288	588	348	184	187	124	118	183	157	28
27	203	208	188	328	584	338	184	193	122	118	178	188	27
28	203	202	204	320	557	330	184	184	122	118	173	173	28
28	203		188	234	537	271	184	188	121	118	170	172	28
30	202		204	228	524	188	184	178	122	118	172	137	30
31	200		210		512		184	170		118		122	31
TOTAL	5 813	5 880	6 193	6 883	12 288	10 888	5 807	5 831	3 810	3 703	3 782	4 787	TOTAL
MEAN	181	202	200	223	388	387	178	181	130	118	128	188	MEAN
MAX	203	227	211	328	584	434	188	194	183	133	178	181	MAX
MIN	188	181	188	181	242	188	100	170	120	114	102	122	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 208
MAXIMUM DAILY, 584 ON MAY 24
MINIMUM DAILY, 100 ON JUL 7

DATA CONTRIBUTED BY -
ABITIBI - PRICE INC.

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 48 44 N
LONG 80 40 07 W
DRAINAGE AREA, 13 300 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	511 000	JUL	478 000
FEB	488 000	AUG	512 000
MAR	538 000	SEP	336 000
APR	577 000	OCT	320 000
MAY	1 080 000	NOV	328 000
JUN	950 000	DEC	414 000

TOTAL DISCHARGE, 5 510 000 dam³

ABITIBI RIVER AT ONAKAWANA - STATION NO. 04HE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2808	2808	2808	2058	8208	873	526	388	318	186	343	3008	1
2	2038	2808	2588	3208	8708	884	388	313	226	297	372	2808	2
3	2588	2888	2988	2408	7008	813	231	193	277	163	378	2508	3
4	2208	2688	2708	2708	7808	789	302	310	182	218	378	2808	4
5	2808	2238	2158	2808	1 2808	803	181	318	187	271	282	1708	5
6	2808	2508	2978	2448	1 3108	742	234	295	120	247	388	3708	6
7	2808	2748	2308	2748	1 3308	733	272	348	134	187	343	3308	7
8	2858	3008	2608	2438	1 280	718	243	370	120	178	388	3008	8
9	5358	2408	1958	2658	1 140	885	240	422	114	173	370	3308	9
10	3108	2738	2178	2308	1 080	898	388	383	117	183	382	1908	10
11	2808	2508	2028	2288	1 120	828	237	380	118	282	310	3008	11
12	3008	3208	1908	2308	1 080	883	384	304	125	288	334	3608	12
13	2608	2808	2008	2108	1 010	757	381	317	128	308	381	2808	13
14	2508	2848	2348	2988	1 170	727	388	312	122	283	371	2888	14
15	2708	2308	2018	2708	1 200	898	334	321	281	193	287	3108	15
16	2878	2728	2228	2788	1 180	841	311	313	210	188	271	3208	16
17	2348	2808	2828	2808	1 180	892	362	281	117 E	248	311	3808	17
18	2828	2888	2258	2248	1 080	880	311	274	88.4E	229	283	1808	18
19	2268	2568	2308	2138	953	875	278	288	173 E	244	248	2108	19
20	2808	2838	2008	3208	804	738	237	300	178	228	374	3308	20
21	3158	2738	1808	2828	838	688	238	278	91.8	202	428	3008	21
22	2288	2608	2528	3208	1 180	817	284	221	214	184	333	3308	22
23	2458	2258	2408	3248	1 550	593	218	223	183	217	3388	3808	23
24	2488	2788	2408	3228	1 500	677	287	287	174	328	2908	3888	24
25	2488	2858	1958	3408	1 510	588	241	270	138	321	2858	2308	25
26	2858	2728	1808	2848	1 570	488	328	287	188	352	3008	1808	26
27	3578	2828	2358	3308	1 440	820	355	288	188	408	4108	3508	27
28	2588	2818	3238	6808	1 400	817	282	302	116	388	4408	2908	28
29	3228		1888	6508	1 300	588	338	231	217	387	3808	3108	29
30	2808		2458	6508	1 200	873	324	288	200	347	3308	3408	30
31	2878		3208		1 080		407	334		388		2708	31
TOTAL	8 337	7 408	7 028	8 274	35 888	20 731	9 388	9 341	4 908.3	7 878	10 239	9 370	TOTAL
MEAN	388	285	227	308	1 150	891	302	301	184	257	341	302	MEAN
MAX	335	320	288	880	1 570	873	528	422	318	408	440	380	MAX
MIN	203	223	180	205	820	488	181	183	88.4	183	248	180	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 383
MAXIMUM DAILY, 1 570 ON MAY 25
MINIMUM DAILY, 88.4E ON SEP 18

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 00 N
LONG 81 25 00 W
DRAINAGE AREA, 27 500 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	720 000	JUL	808 000
FEB	840 000	AUG	807 000
MAR	807 000	SEP	424 000
APR	801 000	OCT	888 000
MAY	3 080 000	NOV	884 000
JUN	1 780 000	DEC	810 000

TOTAL DISCHARGE, 12 100 000 dam³

ABITIBI RIVER AT OTTER RAPIDS - STATION NO. 04HE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	185	288	245	308	582	928	482	347	247	238	288	288	1
2	248	274	288	238	808	844	283	248	248	214	318	281	2
3	213	258	281	282	853	894	188	274	208	202	316	278	3
4	240	203	207	238	874	788	209	312	190	184	308	121	4
5	287	247	288	234	1 180	698	188	308	138	238	287	288	5
6	238	285	219	270	1 310	888	233	278	143	187	288	233	6
7	273	288	241	238	1 200	857	237	284	143	180	287	218	7
8	328	228	187	288	1 120	828	228	303	141	123	318	338	8
9	285	283	210	231	1 010	804	248	278	139	188	307	134	9
10	271	240	183	230	882	813	288	328	138	182	288	217	10
11	288	311	182	232	1 010	828	274	288	138	258	288	283	11
12	241	248	181	201	838	788	248	282	138	234	248	188	12
13	248	283	228	287	838	878	227	301	138	284	328	188	13
14	288	224	182	288	1 038	883	408	322	233	184	288	228	14
15	277	288	212	288	1 058	807	321	283	242	81.8	321	228	15
16	228	241	242	242	1 038	888	281	278	132	281	238	288	16
17	271	258	218	228	1 018	828	328	278	78.3	228	288	183	17
18	214	248	228	207	883	818	287	274	138	182	178	184	18
19	288	281	198	304	828	848	282	288	208	207	303	238	19
20	302	281	171	271	832	881	238	284	82.7	173	304	213	20
21	218	243	241	305	838	808	288	288	188	148	283	228	21
22	231	218	227	317	1 288	881	243	238	178	123	244	278	22
23	271	287	228	318	1 448	823	238	288	202	303	284	283	23
24	238	248	182	324	1 428	823	248	282	82.2	318	288	184	24
25	284	283	181	288	1 428	888	273	284	208	247	218	128	25
26	243	282	227	317	1 348	482	318	244	144	284	288	248	28
27	247	281	218	488	1 318	488	343	281	158	284	313	208	27
28	318	228	187	808	1 318	438	288	284	188	288	288	223	28
29	288		238	884	1 198	828	311	217	188	288	238	248	28
30	274		217	843	1 088	484	302	311	181	287	218	211	30
31	288		188		978		388	322		281		188	31
TOTAL	7 881	7 087	8 782	9 038	32 343	18 888	8 788	8 888	4 883.2	8 818.8	7 908	8 848	TOTAL
MEAN	257	253	218	301	1 048	822	284	287	188	213	284	214	MEAN
MAX	328	311	288	808	1 448	928	482	378	248	318	328	278	MAX
MIN	188	203	181	201	882	438	188	217	78.3	81.8	178	183	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 344
MAXIMUM DAILY, 1 448 ON MAY 23
MINIMUM DAILY, 81.8 ON OCT 18

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 50 10 58 N
LONG 81 38 12 W
DRAINAGE AREA, 33 400 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	885 000	JUL	780 000
FEB	812 000	AUG	788 000
MAR	878 000	SEP	428 000
APR	781 000	OCT	871 000
MAY	2 780 000	NOV	883 000
JUN	1 810 000	DEC	874 000

TOTAL DISCHARGE, 10 800 000 dam³

ABITIBI RIVER AT TWIN FALLS - STATION NO. 04HC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	117	183	182	180	85.9	373	125	181	111	87.8	85.5	142	1
2	158	183	182	180	84.7	328	130	181	138	105	88.4	113	2
3	183	185	182	180	84.3	330	101	181	116	89.0	75.4	108	3
4	183	185	182	180	84.8	330	90.2	181	112	93.7	83.8	142	4
5	158	185	182	178	85.3	330	90.1	181	131	92.3	70.4	145	5
6	184	185	182	180	115	330	84.8	180	125	102	101	111	6
7	182	185	182	178	111	330	70.3	132	114	92.7	92.8	127	7
8	183	185	180	178	122	330	49.2	181	109	86.0	88.1	127	8
9	182	184	178	178	181	330	158	181	108	80.4	86.2	108	9
10	183	184	182	178	185	330	137	171	126	88.4	82.8	104	10
11	182	184	182	178	181	330	131	181	107	88.4	88.8	118	11
12	182	184	182	178	158	327	133	178	110	81.0	85.0	127	12
13	182	184	181	178	149	320	142	174	113	89.0	84.0	140	13
14	182	184	181	178	148	318	148	174	113	82.3	85.8	138	14
15	182	184	181	185	148	322	158	174	108	87.8	88.4	132	15
16	182	178	180	138	148	322	183	170	88.8	84.8	88.5	108	16
17	182	184	180	121	185	322	185	182	88.8	81.3	81.8	105	17
18	182	183	181	128	183	322	180	174	88.8	82.8	78.4	138	18
19	183	183	181	144	180	322	184	177	83.4	105	82.3	132	19
20	182	183	178	139	182	322	142	180	88.7	84.2	72.8	147	20
21	158	183	178	138	148	322	158	178	88.7	88.6	72.8	130	21
22	182	183	181	118	150	321	187	173	88.7	73.4	72.8	148	22
23	182	183	174	88.1	279	321	178	175	88.6	82.8	104	113	23
24	184	183	181	111	413	321	171	173	88.8	80.5	118	88.0	24
25	188	183	180	108	448	320	181	173	88.1	78.0	118	88.5	25
26	177	183	138	101	445	320	181	173	88.4	87.8	118	128	26
27	188	183	188	110	444	320	181	173	84.3	80.7	138	141	27
28	188	183	178	104	442	319	181	173	87.8	84.8	137	141	28
29	182		170	83.0	442	242	181	173	92.8	88.3	138	144	29
30	184		187	19.8	442	170	181	187	88.3	88.4	132	90.8	30
31	180		180		441		181	138		73.8		88.2	31
TOTAL	5 102	5 140	5 481	4 281.7	6 760.1	9 544	4 490.8	5 274	3 170.2	2 787.4	2 488.7	3 818.5	TOTAL
MEAN	165	184	177	143	218	318	145	170	106	89.9	82.2	123	MEAN
MAX	188	185	182	180	448	373	187	182	138	105	138	147	MAX
MIN	117	178	138	19.8	88.7	170	49.2	132	87.8	73.4	52.8	88.2	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 180
MAXIMUM DAILY, 448 ON MAY 25
MINIMUM DAILY, 19.8 ON APR 30

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 45 00 N
LONG 80 38 00 W
DRAINAGE AREA, 9 950 km²

REGULATED

DATA CONTRIBUTED BY -
ABITIBI - PRICE INC.

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	441 000	JUL	388 000
FEB	444 000	AUG	455 000
MAR	474 000	SEP	274 000
APR	370 000	OCT	241 000
MAY	584 000	NOV	213 000
JUN	825 000	DEC	330 000

TOTAL DISCHARGE, 5 040 000 dam³

ALBANY RIVER ABOVE HOTTIK ISLAND - STATION NO. 04SD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	135 B	88.0B	71.0B	80.8B	1188	825	385	188	152	130	109	80.5B	1
2	133 B	88.0B	70.0B	80.3B	1308	812	381	185	148	133	107	88.0B	2
3	131 B	87.0B	70.0B	80.0B	1408	895	384	186	147	134	105 B	88.0B	3
4	128 B	86.0B	89.8B	89.7B	1618	930	372	181	145	138	108 B	84.0B	4
5	127 B	85.0B	89.0B	89.8B	1859	882	388	182	144	134	107 B	82.0B	5
6	125 B	84.0B	88.5B	89.3B	1708	878	385	181	147	132	108 B	80.5B	6
7	123 B	83.0B	88.0B	88.0B	1978	886	381	186	145	134	110 B	78.0B	7
8	121 B	82.0B	87.5B	86.8B	2158	850	381	186	143	137	113 B	77.0B	8
9	120 B	83.0B	87.0B	86.8B	2328	837	385	183	143	133	116 B	76.5B	9
10	118 B	81.0B	86.8B	86.4B	2528	827	349	180	140	132	119 B	74.5B	10
11	117 B	81.0B	86.2B	86.2B	2808	908	344	187	138	131	120 B	73.0B	11
12	115 B	80.0B	86.0B	86.1B	3058	488	337	184	138	131	120 B	71.0B	12
13	113 B	80.0B	85.6B	86.0B	333	488	328	180	136	132	118 B	70.0B	13
14	111 B	79.0B	85.3B	86.0B	383	468	320	194	137	128	115 B	88.0B	14
15	110 B	78.0B	85.0B	86.0B	395	448	318	198	137	122	112 B	87.0B	15
16	109 B	78.0B	84.8B	88.2B	431	432	311	194	138	120	110 B	85.5B	16
17	107 B	77.0B	84.6B	86.8B	464	417	304	188	135	120	109 B	84.5B	17
18	106 B	77.0B	84.4B	89.5B	483	403	303	187	133	120	112 B	83.5B	18
19	105 B	76.0B	84.2B	80.0B	518	388	295	177	138	120	115 B	82.5B	19
20	103 B	76.0B	84.0B	81.0B	532	378	284	177	137	120	114 B	81.0B	20
21	101 B	75.0B	82.8B	83.0B	585	380	274	174	136	117	112 B	80.0B	21
22	100 B	74.0B	82.2B	85.5B	681	345	270	172	137	114	110 B	88.0B	22
23	99.0B	74.0B	82.4B	86.0B	808	333	268	168	142	114	108 B	86.0B	23
24	98.0B	74.0B	82.3B	71.0B	817	330	251	184	139	114	105 B	87.0B	24
25	97.0B	73.0B	82.1B	76.0B	832	328	243	188	140	113	102 B	88.0B	25
26	96.0B	73.0B	82.0B	81.0B	850	334	234	155	139	112	100 B	86.0B	26
27	94.0B	72.0B	81.8B	86.5B	858	350	228	152	138	111	98.5B	84.0B	27
28	93.0B	72.0B	81.6B	83.0B	885	368	215	150	138	111	98.0B	83.5B	28
29	92.0B		81.4B	100 B	854	383	208	151	137	111	94.0B	83.0B	29
30	91.0B		81.2B	108 B	880	382	200	150	134	111	92.5B	82.5B	30
31	90.0B		81.0B		837		194	151		110		82.0B	31
TOTAL	3 409.0	2 318.0	2 818.3	1 883.0	12 783	13 870	9 418	5 504	4 188	3 824	3 283.0	2 894.0	TOTAL
MEAN	110	78.1	88.1	88.4	413	488	304	178	140	123	109	87.5	MEAN
MAX	135	88.0	71.0	108	888	825	388	188	152	138	120	90.5	MAX
MIN	80.0	72.0	81.0	88.0	118	328	194	150	133	110	92.5	82.0	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 178
MAXIMUM DAILY, 888 ON MAY 27
MINIMUM DAILY, 82.0B ON DEC 31
MAXIMUM INSTANTANEOUS,
682 AT 08:37 EST ON MAY 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 30 N
LONG 88 23 80 W
DRAINAGE AREA, 32 400 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	285 000	JUL	814 000
FEB	191 000	AUG	478 000
MAR	174 000	SEP	383 000
APR	172 000	OCT	330 000
MAY	1 110 000	NOV	282 000
JUN	1 180 000	DEC	181 000

TOTAL DISCHARGE, 6 870 000 dam³

ALBANY RIVER NEAR HAT ISLAND - STATION NO. 04HA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3808	2378	1788	1588	1 180B	3 080	898	415	340	339	350E	3488	1
2	3828	2348	1788	1598	1 420B	2 840	881	418	339	329	378E	3388	2
3	3488	2308	1778	1608	1 750B	2 880	842	418	333	329	385E	3288	3
4	3388	2288	1768	1638	2 400B	2 510	889	423	327	336	380E	3188	4
5	3328	2298	1758	1678	3 000B	2 420	844	448	322	338	380E	3068	5
6	3268	2238	1748	1708	3 850B	2 380	824	482	320	347	382E	2988	6
7	3208	2208	1728	1748	3 800B	2 270	780E	524	317	385E	388E	2888	7
8	3158	2188	1708	1788	4 080	2 180	775E	558	312	380E	395E	2798	8
9	3118	2178	1698	1848	4 130	2 080	780E	578	308	395E	410E	2718	9
10	3078	2158	1688	1908	4 190	1 980	780E	588	302	410E	446E	2658	10
11	3038	2138	1678	1978	4 180	1 880	738E	577	288	420E	470E	2588	11
12	2988	2128	1668	2058	4 180	1 770	725E	558	288	420E	485E	2498	12
13	2938	2108	1658	2138	4 230	1 670	720E	541	283	420E	500E	2428	13
14	2908	2078	1648	2218	4 300	1 580	710E	540	280	424E	500E	2358	14
15	2878	2058	1638	2308	4 480	1 480	700E	542	281	422E	490E	2288	15
16	2848	2028	1628	2408	4 580	1 410	680E	543	280	418E	470E	2228	16
17	2818	2018	1618	2528	4 540	1 340	658E	544	275	400E	458E	2188	17
18	2788	2008	1608	2678	4 410	1 270	630E	533	274	385E	433E	2128	18
19	2758	1988	1598	2788	4 220	1 200	615E	505	270	380E	418E	2078	19
20	2728	1968	1588	2878	4 080	1 130	582A	482	271	370E	418E	2028	20
21	2698	1948	1588	3238	4 010	1 070	572	468	273	362E	425E	1998	21
22	2678	1928	1578	3508	4 220	993	583	456	279	355E	435E	1958	22
23	2648	1908	1578	3858	4 370	824	546	448	283	347E	440E	1918	23
24	2608	1888	1568	4308	4 280	674	531	434	302	340E	435E	1878	24
25	2588	1868	1568	4808	4 140	561	508	417	331	332E	425E	1828	25
26	2538	1848	1568	5408	4 030	850	498	398	351	327E	410E	1798	26
27	2508	1828	1568	6008	3 890	847	488	383	368	324E	388E	1778	27
28	2478	1808	1568	7208	3 740	880	472	367	389	325E	382E	1748	28
29	2458		1568	8408	3 580	932	459	357	368	328E	368E	1728	29
30	2428		1568	9808	3 450	882	445	350	347	330E	368E	1708	30
31	2408		1578		3 250		436	347		337E		1688	31
TOTAL	8 980	5 788	5 084	9 751	115 780	48 333	20 822	14 838	9 277	11 345	12 801	7 302	TOTAL
MEAN	288	207	164	325	3 740	1 610	672	472	308	366	420	236	MEAN
MAX	380	237	178	880	4 580	3 080	898	588	388	424	500	348	MAX
MIN	240	180	158	158	1 180	847	436	347	270	324	380	168	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 738
MAXIMUM DAILY, 4 580 ON MAY 16
MINIMUM DAILY, 1588 ON MAR 24
MAXIMUM INSTANTANEOUS,
4 620 AT 15:30 EST ON MAY 16

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 15 50 N
LONG 83 50 20 W
DRAINAGE AREA, 118 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1934

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	774 000	JUL	1 800 000
FEB	500 000	AUG	1 280 000
MAR	438 000	SEP	802 000
APR	842 000	OCT	880 000
MAY	10 000 000	NOV	1 090 000
JUN	4 180 000	DEC	631 000

TOTAL DISCHARGE, 23 300 000 dam³

ALDER CREEK NEAR NEW DUNDEE - STATION NO. 02GA030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0808	0.7008	0.0308	0.213	0.084	0.325	0.030	0.014	0.013	0.007	0.005	0.045	1
2	0.0828	0.3508	0.0308	0.184	0.072	0.826	0.023	0.014	0.014	0.012	0.006	0.044	2
3	0.0748	0.1508	0.0288	0.440	0.083	0.262	0.021	0.012	0.008	0.017	0.006	0.0408	3
4	0.0688	0.0808	0.0288	0.845	0.072	0.187	0.021	0.014	0.006	0.014	0.010	0.0368	4
5	0.0648	0.0808	0.0328	0.414	0.068	0.110	0.027	0.018	0.006	0.011	0.012	0.0348	5
6	0.0618	0.0888	0.0308	0.388	0.083	0.085	0.022	0.010	0.007	0.011	0.045	0.0308	6
7	0.0588	0.0538	0.0288	0.315	0.084	0.080	0.017	0.008	0.008	0.032	0.081	0.028	7
8	0.8008	0.0508	0.0298	0.240	0.088	0.068	0.018	0.008	0.012	0.023	0.104	0.026	8
9	0.3008	0.0488	0.0298	0.204	0.077	0.055	0.013	0.012	0.010	0.012	0.085	0.0238	9
10	0.2288	0.0488	0.0288	0.183	0.068	0.233	0.018	0.010	0.007	0.024	0.027	0.0218	10
11	0.1808	0.0448	0.8008	0.188	0.074	0.081	0.018	0.008	0.023	0.054	0.010	0.0188	11
12	0.1588	0.0438	0.8508	0.184	0.189	0.072	0.016	0.008	0.038	0.021	0.008	0.0168	12
13	0.1388	0.0428	0.5008	0.222	0.141	0.084	0.018	0.007	0.018	0.012	0.010	0.0148	13
14	0.1188	0.1008	0.8008	0.218	0.104	0.080	0.017	0.017	0.012	0.008	0.022	0.0128	14
15	0.1038	0.1388	2.00 B	0.323	0.106	0.080	0.012	0.028	0.018	0.008	0.458	0.0118	15
16	0.0938	0.0708	0.4508	0.223	0.088	0.087	0.011	0.034	0.011	0.008	0.700	0.0108	16
17	0.0858	0.0648	0.176	0.207	0.079	0.078	0.011	0.017	0.020	0.007	0.158	0.0098	17
16	0.0828	0.0458	0.168	0.237	0.067	0.108	0.014	0.011	0.020	0.014	0.083	0.0098	16
19	0.0888	0.0418	0.1508	0.188	0.080	0.074	0.018	0.008	0.012	0.013	0.072	0.0088	19
20	0.0918	0.0398	0.1038	0.180	0.053	0.068	0.027	0.013	0.012	0.028	0.0648	0.0088	20
21	0.0888	0.0378	0.0888	0.130	0.084	0.086	0.017	0.015	0.010	0.038	0.0588	0.0088	21
22	0.0838	0.0388	0.1108	0.101	0.043	0.718	0.014	0.010	0.010	0.034	0.0518	0.0088	22
23	0.0858	0.0358	0.1408	0.087	0.048	0.285	0.012	0.010	0.021	0.020	0.0488	0.0088	23
24	0.0888	0.0348	0.384	0.078	0.057	0.122	0.010	0.009	0.013	0.013	0.0438	0.0088	24
25	0.1208	0.0338	5.14	0.083	0.054	0.081	0.011	0.008	0.010	0.012	0.041	0.0088	25
26	0.4008	0.0328	2.18	0.108	0.107	0.081	0.014	0.007	0.009	0.011	0.044	0.0088	26
27	0.2708	0.0318	0.826	0.102	0.068	0.053	0.042	0.008	0.007	0.011	0.085	0.0088	27
28	0.2508	0.0318	1.07	0.071	0.048	0.044	0.035	0.008	0.008	0.010	0.182	0.0098	28
29	0.8208		1.36	0.088	0.054	0.037	0.024	0.007	0.008	0.008	0.084	0.0108	28
30	1.10 B		0.408	0.096	0.171	0.030	0.020	0.008	0.007	0.008	0.081	0.0148	30
31	0.6008		0.288		0.201		0.018	0.007		0.005		0.0208	31
TOTAL	8.403	3.478	19.164	6.281	2.885	4.245	0.584	0.381	0.278	0.488	2.581	0.852	TOTAL
MEAN	0.287	0.088	0.818	0.209	0.087	0.142	0.018	0.012	0.013	0.016	0.088	0.018	MEAN
MAX	1.10	0.700	5.14	0.845	0.201	0.718	0.042	0.034	0.038	0.084	0.700	0.045	MAX
MIN	0.088	0.031	0.028	0.071	0.043	0.030	0.010	0.008	0.008	0.005	0.005	0.008	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.137
MAXIMUM DAILY, 5.14 ON MAR 25
MINIMUM DAILY, 0.005 ON OCT 29
MAXIMUM INSTANTANEOUS,
14.0 AT 17:38 EST ON MAR 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 32 19 N
LONG 80 33 06 W
DRAINAGE AREA, 49.7 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	553	JUL	80.5
FEB	214	AUG	31.2
MAR	1 880	SEP	32.5
APR	541	OCT	43.1
MAY	232	NOV	234
JUN	387	DEC	47.7

TOTAL DISCHARGE, 4 000 dam³

AMABLE DU FOND RIVER AT SAMUEL DE CHAMPLAIN PROVINCIAL PARK - STATION NO. 03JE019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.38	10.3 B	7.608	41.8E	25.8	28.8	8.47	5.92	3.94	2.98	3.87	8.80	1
2	11.28	11.3 B	7.508	40.0E	26.3	28.1	10.3	5.74	3.93	3.01	4.04	9.78	2
3	11.18	11.3 B	7.408	38.0E	29.3	26.1	12.5	5.84	3.80	2.92	4.02	9.808	3
4	11.08	11.1 B	7.358	36.0E	32.1	22.8	17.3	5.70	3.63	2.82	3.84	9.708	4
5	10.98	10.8 B	7.308	36.8E	31.6	18.8	18.9	5.83	3.77	2.77	3.88	9.818	5
6	10.88	10.7 B	7.258	38.0E	34.8	16.4	17.0	5.48	3.70	2.88	3.86	9.558	6
7	10.78	10.6 B	7.258	38.0E	40.0	15.2	15.7	5.08	3.61	3.02	4.47	9.458	7
8	10.68	10.3 B	7.208	38.0E	42.8	15.3	14.5	4.97	3.53	3.13	4.78	9.308	8
9	11.78	10.2 B	7.108	36.8E	44.7	15.4	11.7	4.84	3.46	3.11	4.81	9.108	9
10	12.38	10.1 B	7.008	34.8E	44.1	17.8	8.80	4.88	3.93	3.08	4.87	9.008	10
11	12.48	9.908	6.858	33.8E	43.0	18.5	8.48	4.88	3.80	3.10	4.74	8.758	11
12	12.38	9.708	6.708	33.8E	41.6	18.9	7.82	4.84	3.69	3.27	4.92	8.608	12
13	12.28	9.608	6.808	34.2A	41.1	22.6	7.14	4.78	3.43	3.48	4.87	8.308	13
14	12.18	9.408	6.808	33.8	40.3	22.0	6.88	4.83	3.31	3.43	4.88	8.108	14
15	12.08	9.308	7.008	34.4	40.7	21.0	6.33	5.38	3.24	3.27	5.73	7.808	15
16	11.88	9.108	8.008	38.4	38.5	20.0	6.26	5.72	3.20	3.38	17.4	7.808	16
17	11.78	9.008	9.108	38.8	38.8	19.6	6.18	7.08	3.18	3.78	28.4	7.258	17
18	11.88	8.808	9.408	40.3	38.2	19.6	6.11	6.35	3.17	3.82	21.8	7.008	18
19	11.88	8.708	10.2 B	38.1	36.1	19.2	5.89	5.88	3.14	3.77	18.8	8.758	19
20	11.48	8.808	10.7 B	37.8	32.8	18.4	5.78	5.29	3.09	3.78	14.9	8.808	20
21	11.38	8.628	11.0 B	37.2	33.2	17.7	5.68	5.07	3.01	4.08	14.1	8.408	21
22	11.38	8.458	10.8 B	38.9	37.8	17.8	5.62	4.98	3.12	4.21	12.4	8.208	22
23	11.18	8.408	10.3 B	34.2	37.8	20.7	5.58	5.19	3.86	4.13	11.2	8.058	23
24	11.08	8.308	10.0 B	33.1	36.1	19.3	5.30	5.04	3.83	3.97	9.95	8.858	24
25	10.88	8.108	9.908	32.9	33.3	12.9	5.28	4.82	3.81	3.79	9.84	8.808	25
26	10.88	8.008	9.808	32.8	32.3	10.4	5.18	4.88	3.83	3.88	9.70	8.708	26
27	10.78	7.958	10.1 B	32.8	31.3	9.73	5.82	4.80	3.42	3.85	9.46	8.808	27
28	10.48	7.808	15.0 E	32.2	30.0	9.88	10.5	4.32	3.28	3.88	9.62	8.878	28
29	10.28		28.0 E	29.1	28.8	9.48	10.0	4.13	3.16	3.44	9.32	8.858	29
30	10.08		43.2 E	26.1	27.8	9.42	7.87	4.04	3.07	3.37	9.74	8.538	30
31	10.18		42.6 E		27.2		8.87	3.85		3.33		8.808	31
TOTAL	348.4	264.42	357.20	1 070.0	1 088.4	534.30	275.38	180.73	104.12	105.08	288.46	238.47	TOTAL
MEAN	11.2	9.44	11.5	35.7	35.1	17.8	8.88	5.18	3.47	3.42	8.95	7.80	MEAN
MAX	12.4	11.3	43.2	41.8	44.7	28.8	18.9	7.08	3.94	4.21	28.4	9.80	MAX
MIN	10.0	7.80	6.80	26.1	25.8	9.42	5.18	3.85	3.01	2.77	3.86	8.50	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.2
MAXIMUM DAILY, 44.7 ON MAY 9
MINIMUM DAILY, 2.77 ON OCT 5
MAXIMUM INSTANTANEOUS,
48.0 AT 12:48 EST ON MAY 9

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 18 00 N
LONG 78 52 45 W
DRAINAGE AREA, 1 130 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	30 100	JUL	23 800
FEB	22 800	AUG	13 900
MAR	30 900	SEP	8 000
APR	92 400	OCT	8 170
MAY	94 100	NOV	23 200
JUN	48 200	DEC	20 300

TOTAL DISCHARGE, 418 000 dam³

ANCASTER CREEK AT ANCASTER - STATION NO. 02HB021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.073	0.084	0.085	0.088E	0.081	0.092	0.038E	0.040	0.132	0.041	0.082	0.058	1
2	0.074	0.077	0.083	0.088E	0.084	0.088	0.038E	0.037	0.043	0.043	0.053	0.058	2
3	0.072	0.073	0.084	0.131E	0.080	0.088	0.038E	0.029	0.038	0.040	0.052	0.054	3
4	0.084	0.078	0.074	0.181	0.084	0.073	0.040A	0.044	0.037	0.038	0.048	0.053	4
5	0.084	0.074	0.088	0.105	0.085	0.052	0.033	0.035	0.038	0.038	0.048	0.058	5
6	0.070	0.070	0.070	0.085	0.080	0.081	0.030	0.035	0.035	0.081	0.088	0.088	6
7	0.071	0.085	0.085	0.078	0.090	0.049	0.028	0.033	0.037	0.048	0.173	0.055	7
8	0.207	0.087	0.087	0.072	0.074	0.045	0.027	0.027	0.038	0.045	0.132	0.051	8
9	0.087	0.086	0.081	0.088	0.082	0.082	0.027	0.028	0.028	0.040	0.108	0.050	9
10	0.078	0.071	0.123	0.087	0.078	0.058	0.028	0.028	0.027	0.078	0.079	0.053	10
11	0.070	0.089	0.188	0.083	0.147	0.048	0.025	0.030	0.033	0.054	0.070	0.052	11
12	0.108	0.089	0.161	0.088	0.148	0.080	0.025	0.032	0.028	0.042	0.081	0.050	12
13	0.083	0.088	0.105	0.080	0.085	0.084	0.024	0.038	0.032	0.037E	0.057	0.048	13
14	0.071	0.125	0.148	0.084	0.078	0.055	0.022	0.028	0.072	0.039	0.112	0.048	14
15	0.078	0.092	0.178	0.078	0.089	0.058	0.021	0.053	0.051	0.039	0.285	0.045	15
16	0.078	0.082	0.088	0.088	0.083	0.073	0.022	0.050	0.082	0.084	0.208	0.058	16
17	0.078	0.073	0.088	0.078	0.084	0.068	0.020	0.038	0.051	0.088	0.082	0.051	17
18	0.078	0.070	0.178A	0.084	0.088	0.057	0.018	0.033	0.041	0.065	0.084	0.051	18
19	0.078	0.087	0.112	0.071	0.085	0.047	0.018	0.034	0.041	0.115	0.074	0.053	19
20	0.078	0.088	0.088	0.080	0.090	0.083	0.087	0.028	0.041	0.138	0.101	0.050	20
21	0.072	0.112	0.102	0.058	0.088	0.068	0.050E	0.025	0.038	0.108	0.078	0.050	21
22	0.070	0.074	0.088	0.084	0.085	0.418	0.028E	0.023	0.248	0.074	0.063	0.048	22
23	0.070	0.085	0.141	0.085	0.088	0.118	0.022	0.023	0.147	0.060	0.058	0.047	23
24	0.082	0.088	0.188	0.082	0.082	0.141	0.024	0.021	0.054	0.054	0.084	0.047	24
25	0.078	0.083	0.312	0.082	0.078	0.114	0.052	0.020	0.047	0.051	0.088	0.048	25
26	0.287	0.088	0.188	0.048	0.073	0.080	0.802	0.020	0.043	0.050	0.084	0.047	26
27	0.108	0.087	0.118	0.042	0.088	0.051	0.204	0.018	0.037	0.047	0.088	0.048	27
28	0.084	0.088	0.153	0.047	0.081	0.047	0.078	0.018	0.042	0.048	0.108	0.050	28
29	0.095		0.138	0.059	0.085	0.042A	0.050	0.022	0.040	0.048	0.085	0.053	29
30	0.122		0.118	0.058	0.134	0.041E	0.048	0.020	0.039	0.048	0.089	0.051	30
31	0.088		0.088		0.088		0.041	0.018		0.081		0.088	31
TOTAL	2.838	2.087	3.704	2.183	2.310	2.388	1.878	0.820	1.830	1.783	2.823	1.827	TOTAL
MEAN	0.091	0.075	0.119	0.073	0.075	0.080	0.084	0.030	0.084	0.058	0.087	0.082	MEAN
MAX	0.287	0.125	0.312	0.181	0.148	0.418	0.502	0.083	0.248	0.138	0.285	0.088	MAX
MIN	0.084	0.083	0.083	0.042	0.081	0.041	0.018	0.018	0.023	0.038	0.048	0.045	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.071
MAXIMUM DAILY, 0.502 ON JUL 26
MINIMUM DAILY, 0.018 ON JUL 18
MAXIMUM INSTANTANEOUS,
3.70 AT 15:58 EST ON JUL 26

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 13 52 N
LONG 79 58 24 W
DRAINAGE AREA, 8.14 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	244	JUL	148
FEB	181	AUG	79.5
MAR	320	SEP	141
APR	188	OCT	185
MAY	200	NOV	227
JUN	208	DEC	141

TOTAL DISCHARGE, 2 230 dam³

ASHEWEIG RIVER AT STRAIGHT LAKE - STATION NO. 05DB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	39.9E	31.8E	21.7E	15.0	11.8	108	91.0E	54.0E	32.4	39.4	87.8	70.0B	1
2	39.8E	31.3E	21.4E	14.8	11.8	115	89.0E	51.0E	31.7	40.7	88.3	69.8B	2
3	39.8E	30.8E	21.1E	14.1	11.9	122	88.0E	48.0E	31.2	43.8	87.3	68.8B	3
4	39.5E	30.3E	20.9E	13.8	12.1	128	84.0E	47.0E	31.1	46.3	85.8	67.8B	4
5	39.3E	30.0E	20.5E	13.4	13.0	130	82.0E	46.0E	31.1	48.8	88.1	67.0B	5
6	39.1E	29.8E	20.4E	13.1	13.0	133	88.0E	45.0E	30.9	48.9	87.0	66.0B	6
7	38.9E	29.1E	20.2E	12.9	13.2	137	90.0E	44.8E	30.8	48.4	87.0	65.0B	7
8	38.7E	28.7E	20.0E	12.7	13.6	139	93.0E	44.0E	30.9	50.3	86.3	64.8B	8
9	38.5E	28.3E	19.8E	12.5	14.3	139	95.0E	43.0E	30.8	51.8	87.0	63.8B	9
10	38.4E	27.9E	19.5E	12.5	14.5	140	98.0E	42.0A	30.8	52.1	87.7	63.0B	10
11	38.2E	27.5E	19.3E	12.5	15.8	140	94.0E	41.8	30.9	53.4	87.2	62.0B	11
12	38.0E	27.1E	19.2E	12.4	16.7	136	93.0E	41.2	31.0	54.9	88.0B	61.0B	12
13	37.8E	26.7E	19.0E	12.3	17.7	136	92.0E	39.3	30.7	56.9	84.5B	60.5B	13
14	37.6E	26.4E	18.8E	12.3	18.4	135	90.0E	38.7	31.2	61.2	83.0B	59.5B	14
15	37.4E	26.1E	18.5E	12.1	19.5	134	88.0E	38.2	30.9	62.0	82.4	59.0B	15
16	37.2E	25.7E	18.4E	12.1	20.8	129	87.0E	36.8	31.8	62.8	81.7	58.0B	16
17	37.0E	25.4E	18.3E	11.8	22.3	127	85.0E	36.0	31.0	64.8	80.8	57.0B	17
18	36.8E	25.1E	18.1E	11.8	23.7	124	83.0E	34.7	31.8	66.3	83.0B	56.8B	18
19	36.6E	24.7E	17.9E	11.8	26.0	123	82.0E	36.4	31.3	68.0	84.5B	54.0B	19
20	36.5E	24.4E	17.7E	11.8	26.1	120	80.0E	37.1	31.4	69.9	82.0B	55.0B	20
21	36.3E	24.1E	17.5E	11.6	32.5	115	79.0E	36.7	32.2	71.2	80.0B	54.5B	21
22	36.1E	23.8E	17.4E	11.8	36.9	114	77.0E	36.8	33.0	73.6	78.5B	54.0B	22
23	36.0E	23.4E	17.2E	11.5	41.1	120	76.0E	36.4	33.7	76.6	77.5B	53.0B	23
24	35.8E	23.2E	17.1E	11.4	45.8	115	74.0E	34.5	34.4	78.9	78.5B	52.5B	24
25	35.8A	22.8E	17.0A	11.4	52.9	108	71.0E	34.5	36.0	78.9	78.5B	51.5B	25
26	35.4	22.6E	16.8	11.3	60.3	106	69.0E	33.9	36.8	80.9	75.0B	51.0B	26
27	35.1	22.4E	16.4	11.3	69.9	103	67.0E	33.6	36.4	83.6	74.0B	50.5B	27
28	34.6	22.1E	16.1	11.3	77.5	100	65.0E	33.5	36.8	84.0	73.0B	49.5B	28
29	33.5		15.9	11.2	86.3	96.8	62.0E	33.5	36.9	85.4	72.0B	49.0B	29
30	32.7		15.6	11.4	95.6	92.8	60.0E	32.8	36.0	85.4	71.0B	48.5B	30
31	32.3E		15.2		102		57.0E	32.8		86.7		47.5B	31
TOTAL	1 146.2	741.4	572.9	389.4	1 037.7	3 870.8	2 523.0	1 223.4	976.5	1 971.4	2 457.8	1 810.5	TOTAL
MEAN	37.0	26.5	18.5	12.3	33.5	122	81.4	39.5	32.5	63.6	81.9	58.4	MEAN
MAX	39.9	31.8	21.7	15.0	102	140	95.0	54.0	36.0	88.7	88.3	70.0	MAX
MIN	32.3	22.1	15.2	11.2	11.8	92.8	57.0	32.8	30.5	39.4	71.0	47.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 50.7
MAXIMUM DAILY, 140 ON JUN 10
MINIMUM DAILY, 11.2 ON APR 28
MAXIMUM INSTANTANEOUS,
143 AT 12:08 EST ON JUN 10

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 43 00 N
LONG 87 56 40 W
DRAINAGE AREA, 7 950 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	98 200	JUL	218 000
FEB	64 100	AUG	105 000
MAR	49 500	SEP	84 400
APR	31 900	OCT	170 000
MAY	89 700	NOV	212 000
JUN	317 000	DEC	156 000

TOTAL DISCHARGE, 1 800 000 dam³

ATIKOKAN RIVER AT ATIKOKAN - STATION NO. 05PB018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.07B	2.36B	1.92B	1.83B	8.93	5.85	5.93	3.04	2.48	2.00	1.84	1.22B	1
2	3.05B	2.36B	1.91B	1.88B	8.77	5.86	5.86	3.00	2.38	2.34	1.82	1.20B	2
3	3.03B	2.35B	1.91B	1.88B	8.84	5.49	5.53	3.09	2.33	2.38	1.86	1.19B	3
4	3.01B	2.31B	1.90B	1.92B	8.59	5.38	5.29	3.13	2.83	2.29	1.89	1.18B	4
5	2.96B	2.30B	1.89B	2.01B	8.75	5.38	5.22	3.10	2.83	2.31	1.81	1.17B	5
6	2.97B	2.28B	1.88B	2.18B	7.08	5.34	8.17	3.07A	2.74	2.27	1.81	1.18B	6
7	2.94B	2.26B	1.87B	2.41B	7.14	5.33	8.46	3.22E	2.55	2.20	1.85	1.15B	7
8	2.92B	2.24B	1.89B	2.50B	7.26	5.38	5.96	3.19E	2.37	2.18	1.81	1.15B	8
9	2.90B	2.23B	1.89B	2.64B	7.32	5.58	5.61	3.11E	2.37A	2.12	1.88	1.13B	9
10	2.88B	2.21B	1.85B	3.07B	7.08A	5.47	5.18	3.09E	2.32E	2.10	1.88	1.12B	10
11	2.85B	2.16B	1.84B	3.31B	6.90	5.28	4.93	2.98E	2.37E	2.07	1.84	1.12B	11
12	2.84B	2.17B	1.84B	3.57B	6.77	5.43	4.70	2.93E	2.47E	1.98	1.89	1.12B	12
13	2.82B	2.15B	1.83B	3.89	6.87	5.83	4.61	2.87E	2.58E	1.93	1.83	1.11B	13
14	2.79B	2.13B	1.82B	4.07	6.85	7.34	4.38E	2.80E	2.65E	1.91	1.85	1.10B	14
15	2.78B	2.12B	1.82B	4.41	6.48	8.77	4.20E	2.78E	2.81E	1.86	1.75	1.09B	15
16	2.78B	2.11B	1.81B	5.08	6.41	8.18	4.08E	2.70E	2.44E	1.79	1.48	1.09B	16
17	2.73B	2.08B	1.81B	5.73	6.38	8.80	3.90E	2.64E	2.21A	1.77	1.47	1.08B	17
18	2.70B	2.07B	1.81B	6.83	6.32	8.54	3.74E	2.59E	2.20	1.76	1.42B	1.08B	18
19	2.67B	2.06B	1.81B	8.01	6.47	8.33	3.84A	2.53E	2.17	1.72	1.40B	1.08B	19
20	2.86B	2.06B	1.81B	8.24	6.45	8.21	3.63	2.47E	2.13	1.72	1.39B	1.07B	20
21	2.82B	2.03B	1.80B	8.34	6.36	8.06	3.57	2.40E	2.23	1.88	1.39B	1.06B	21
22	2.80B	2.02B	1.80B	7.12	6.28	8.62	3.50	2.66E	2.79	1.87	1.34B	1.06B	22
23	2.84B	2.01B	1.80B	7.72	6.12	8.86	3.49	2.70A	2.88A	1.86	1.33B	1.05B	23
24	2.84B	2.00B	1.80B	8.28	6.11	8.43	3.40	2.88	2.80E	1.85	1.31B	1.05B	24
25	2.56B	1.99B	1.80B	9.81	6.11	8.33	3.31	2.81	2.22E	1.84	1.30B	1.06B	25
26	2.53B	1.98B	1.80B	10.7	8.98	8.39	3.23	2.45	2.17E	1.82	1.28B	1.04B	26
27	2.50B	1.98B	1.80B	9.46	8.90	8.43	3.21	2.48	2.12E	1.89	1.27B	1.04B	27
28	2.48B	1.85B	1.80B	8.36	8.85	8.35	3.14	2.47	2.11A	1.84	1.28B	1.04B	28
29	2.46B		1.81B	7.85	8.92	8.18	3.08	2.82	2.03	1.87	1.32B	1.03B	29
30	2.43B		1.81B	7.17	8.88	8.87	3.06	2.83	2.02	1.83	1.23B	1.03B	30
31	2.41B		1.82B		8.75		3.07	2.86		1.85		1.03B	31
TOTAL	85.09	59.99	56.89	153.44	201.24	188.18	134.70	88.22	72.00	58.98	45.89	34.08	TOTAL
MEAN	2.74	2.14	1.84	5.11	8.48	8.81	4.35	2.76	2.40	1.88	1.53	1.10	MEAN
MAX	3.07	2.36	1.92	10.7	7.32	7.34	5.48	3.22	2.88	2.38	1.88	1.22	MAX
MIN	2.41	1.85	1.80	1.83	8.75	8.08	3.08	2.40	2.02	1.84	1.23	1.03	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.17
MAXIMUM DAILY, 10.7 ON APR 26
MINIMUM DAILY, 1.03B ON DEC 26
MAXIMUM INSTANTANEOUS,
10.8 AT 03:30 CST ON APR 26

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 45 07 N
LONG 91 35 02 W
DRAINAGE AREA, 232 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 350	JUL	11 600
FEB	5 180	AUG	7 480
MAR	4 820	SEP	6 220
APR	13 300	OCT	5 060
MAY	17 400	NOV	3 980
JUN	14 600	DEC	2 940

TOTAL DISCHARGE, 99 800 dam³

ATTAWAPISKAT RIVER BELOW ATTAWAPISKAT LAKE - STATION NO. 04FB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	106 B	78.0B	53.0B	35.0B	28.2B	835	305	214	188	208	180	95.0B	1
2	107 B	75.0B	52.5B	34.4B	28.6B	826	298	214	188	211	187	95.0B	2
3	106 B	74.5B	51.5B	34.0B	29.3B	818	291	208	182	213	184 B	93.0B	3
4	105 B	73.5B	51.0B	33.5B	28.8B	822	287	206	180	210	183 B	91.5B	4
5	104 B	72.5B	50.5B	33.2B	30.4B	822	287	207	178	208	181 B	90.0B	5
6	103 B	71.5B	49.5B	32.6B	36.0B	817	298	211	178	210	180 B	88.5B	6
7	102 B	71.0B	48.0B	32.2B	46.0B	807	316	212	175	209	148 B	87.0B	7
8	101 B	70.0B	48.5B	31.8B	57.0B	594	332	210	175	208	168	88.5B	8
9	100 B	69.0B	47.5B	31.5B	71.0B	578	340	208	174	208	145	84.5B	9
10	98.5B	68.5B	47.0B	31.0B	88.0B	589	346	206	178	208	144	83.0B	10
11	97.0B	67.5B	46.5B	30.5B	108 B	536	345	203	182	204	142	81.5B	11
12	96.0B	67.0B	46.0B	30.1B	142 B	518	343	203	184	203	138	80.5B	12
13	95.0B	66.0B	45.0B	29.8B	177	488	341	202	188	200	136 B	79.0B	13
14	94.0B	65.0B	44.5B	29.2B	196	478	337	205	193	197	132 B	78.0B	14
15	93.0B	64.5B	44.0B	28.8B	223	469	331	204	198	197	130 B	77.0B	15
16	92.0B	63.5B	43.5B	28.4B	280	441	324	201	208	197	128 B	75.5B	16
17	91.0B	63.0B	43.0B	28.2B	302	423	320	198	212	195	125 B	74.5B	17
18	90.0B	62.0B	42.5B	28.0B	349	405	313	198	220	191	122 B	73.5B	18
19	89.0B	61.0B	42.0B	27.8B	388	388	307	192	222	189	120 B	72.5B	19
20	87.5B	60.5B	41.0B	27.4B	445	373	298	194	225	185	117 B	71.5B	20
21	86.5B	59.5B	40.5B	27.3B	497	355	290	198	228	183	115 B	70.5B	21
22	85.5B	58.0B	40.0B	27.2B	537	338	282	201	232	182	114 B	69.5B	22
23	85.0B	58.5B	39.5B	27.1B	565	324	274	197	233	180	111 B	68.5B	23
24	84.0B	57.5B	39.0B	27.0B	583	326	264	194	238	177	108 B	66.0B	24
25	83.0B	57.0B	38.5B	27.0B	599	327	256	191	238	176	106 B	67.0B	25
26	82.5B	56.0B	38.1B	27.0B	621	330	253	188	231	173	105 B	66.0B	26
27	81.0B	55.0B	37.8B	27.2B	630	330	249	184	228	172	103 B	65.0B	27
28	80.5B	54.5B	37.0B	27.4B	642	328	245	181	223	170	101 B	64.5B	28
29	79.5B		36.4B	27.8B	649	321	237	181	217	167	100 B	63.5B	29
30	78.5B		35.9B	27.8B	645	313	228	185	212	165	98.0B	63.0B	30
31	77.0B		35.4B		638		218	188		161		62.0B	31
TOTAL	2 862.0	1 818.5	1 388.2	889.8	9 851.8	13 893	9 158	6 181	5 100	5 954	3 859.0	2 385.0	TOTAL
MEAN	92.3	64.9	43.7	29.7	311	463	295	199	203	192	128	76.9	MEAN
MAX	106	78.0	53.0	35.0	649	835	345	214	238	213	180	95.0	MAX
MIN	77.0	54.5	35.4	27.0	28.2	313	218	181	174	161	98.0	62.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 178
MAXIMUM DAILY, 649 ON MAY 29
MINIMUM DAILY, 27.0B ON APR 24
MAXIMUM INSTANTANEOUS,
882 AT 14:37 EST ON MAY 29

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 05 15 N
LONG 87 04 42 W
DRAINAGE AREA, 24 200 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	247 000	JUL	791 000
FEB	157 000	AUG	534 000
MAR	117 000	SEP	527 000
APR	76 800	OCT	514 000
MAY	834 000	NOV	333 000
JUN	1 200 000	DEC	206 000

TOTAL DISCHARGE, 5 540 000 dam³

ATTAWAPISKAT RIVER BELOW MUKETEI RIVER - STATION NO. 04FC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	188B	114 B	75.0B	52.0B	58.5B	918	542	240	280E	283	339E	156 B	1
2	188B	112 B	74.0B	51.5B	84.0B	889	523	228	268E	287	330E	154 B	2
3	183B	110 B	73.0B	51.0B	78.0B	886	486	208	280E	295	318E	151 B	3
4	180B	109 B	72.0B	50.5B	92.0B	847	411	212	254E	318	306B	148 B	4
5	177B	108 B	71.0B	50.0B	117 B	848	382	217	288E	327	299B	144 B	5
6	174B	106 B	70.0B	49.5B	145 B	849	378	215	272E	342	283B	141 B	6
7	171B	104 B	69.0B	49.3B	180 B	839	378	231	276E	367	268B	139 B	7
8	169B	102 B	68.0B	49.0B	230 B	835	400	239	280E	399	258B	136 B	8
9	166B	100 B	67.0B	48.8B	270 B	821	426	238	280E	421	265B	133 B	9
10	163B	99.0B	66.5B	48.2B	340 B	800	447	239	282E	429	262B	131 B	10
11	160B	98.0B	65.5B	48.0B	400 B	774	454	235	280E	437	278B	128 B	11
12	157B	96.5B	64.5B	47.8B	510 B	760	458	231	280E	445	273B	126 B	12
13	154B	95.0B	64.0B	47.8B	620 B	723	454	231	282E	459	263B	124 B	13
14	152B	93.5B	63.5B	47.4B	730 B	689	441	230	278E	461	247B	122 B	14
15	149B	92.0B	62.5B	47.2B	770 B	678	427	218	272E	448	238B	120 B	15
16	147B	91.0B	61.5B	47.0B	780 B	650	408	217	264E	429A	234B	118 B	16
17	145B	90.0B	60.5B	46.7B	770 B	626	398	214	258E	422E	230B	116 B	17
18	143B	88.5B	60.0B	46.4B	680 B	606	375	210	254E	416E	225B	114 B	18
19	141B	87.0B	59.0B	46.2B	641	585	383	207	261A	405E	220B	112 B	18
20	138B	86.0B	58.5B	46.0B	589	568	361	219	258	400E	216B	110 B	20
21	136B	85.0B	58.0B	46.0B	732	548	361	210	258	386E	210B	108 B	21
22	134B	84.0B	57.5B	46.0B	849	531	330	211	260	368E	201B	106 B	22
23	132B	82.5B	56.5B	46.0B	936	510	315	211	261	382E	194B	104 B	23
24	130B	81.0B	56.0B	46.0B	977	502	296	212	268	378E	188B	103 B	24
25	128B	80.5B	55.5B	46.0B	988	510	287	216	286	372E	183B	101 B	25
26	126B	79.0B	55.0B	46.2B	992	521	284	218	287	367E	177B	99.0B	26
27	124B	78.0B	54.5B	46.3B	989	531	273	226	284	362E	172B	97.0B	27
28	122B	77.0B	54.0B	46.8B	1 010	543	269	235	296	360E	167B	95.5B	28
29	120B		53.5B	46.2B	982	574	262	237	285	357E	164B	94.5B	29
30	118B		53.1B	51.5B	956	585	268	240E	285	352E	162B	93.5B	30
31	116B		52.9B		937		250	245E		347E		92.5B	31
TOTAL	4 830	2 526.5	1 931.1	1 436.8	18 500.5	20 522	11 855	8 817	8 142	11 880	7 270	3 719.0	TOTAL
MEAN	148	83.9	62.3	48.0	597	684	376	223	271	382	243	120	MEAN
MAX	188	114	75.0	52.0	1 010	918	542	245	296	461	339	156	MAX
MIN	116	77.0	52.9	46.0	58.5	502	250	207	250	283	162	92.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 272
MAXIMUM DAILY, 1 010 ON MAY 28
MINIMUM DAILY, 46.0B ON APR 20
MAXIMUM INSTANTANEOUS,
1 020 AT 05:10 EST ON MAY 28

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 05 30 N
LONG 85 00 30 W
DRAINAGE AREA, 36 000 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	400 000	JUL	1 010 000
FEB	237 000	AUG	598 000
MAR	167 000	SEP	703 000
APR	124 000	OCT	1 020 000
MAY	1 800 000	NOV	826 000
JUN	1 770 000	DEC	321 000

TOTAL DISCHARGE, 8 570 000 dam³

AUSABLE RIVER ABOVE SESABIC CREEK - STATION NO. 02CB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.0 B	8.80B	5.60B	17.6B	89.3	34.6	17.6	4.07	5.15	2.80	8.80	8.50B	1
2	13.6 B	8.40B	5.60B	17.0B	84.8	34.1	16.3	3.96	5.37	2.71	8.93	8.30B	2
3	13.7 B	8.30B	5.40B	16.0B	80.3	32.6	15.2	3.94	4.86	2.78	8.75	8.00B	3
4	13.6 B	8.10B	5.40B	16.0B	80.7	30.5	14.3	4.20	4.52	2.86	8.57	7.80B	4
5	13.5 B	8.00B	5.40B	16.3B	100	28.2	13.5	4.46	4.32	2.89	8.84	7.60B	5
6	13.7 B	7.90B	5.30B	20.5B	119	26.3	12.8	4.37	4.00	2.86	8.21	7.40B	6
7	13.8 B	7.70B	5.30B	22.2B	122	24.7	11.8	4.04	3.88	3.07	10.7	7.20B	7
8	13.8 B	7.60B	5.20B	22.0B	111	25.8	11.1	3.87	4.44	3.09	10.8	7.00B	8
9	13.8 B	7.50B	5.20B	21.7B	93.5	28.5	10.6	3.73	4.22	3.09	11.5	8.80B	9
10	13.3 B	7.40B	5.20B	20.0B	90.6	32.8	10.3	3.81	4.30	3.04	13.1	8.70B	10
11	13.0 B	7.30B	5.10B	20.5B	83.4	35.1	9.71	3.54	4.20	2.89	14.2	8.50B	11
12	12.8 B	7.10B	5.10B	20.3	76.6	34.9	9.17	3.84	4.03	2.89	14.2	8.40B	12
13	12.3 B	7.00B	5.10B	19.8	72.0	33.3	8.67	3.45	3.85	2.86	13.7	8.30B	13
14	12.1 B	8.80B	5.10B	19.3	88.6	31.3	8.18	3.85	3.72	2.83	13.0	8.10B	14
15	11.8 B	8.80B	5.30B	18.8	88.1	30.4	7.74	5.00	3.85	2.77	12.2	8.00B	15
16	11.7 B	8.70B	5.50B	18.8	83.7	30.8	7.32	5.18	3.83	2.71	12.2 B	8.90B	16
17	11.4 B	8.80B	5.70B	20.1	59.8	44.1	8.89	4.73	3.58	2.82	13.0 B	8.80B	17
18	11.2 B	8.50B	5.80B	23.4	55.8	57.7	8.89	4.28	3.51	2.86	14.1 B	8.60B	18
19	10.9 B	8.40B	5.80B	25.0	51.9	56.6	8.46	3.96	3.39	2.84	13.9 B	8.70B	19
20	10.7 B	8.40B	5.80B	26.6	49.5	54.7	8.45	3.77	3.28	2.86	13.0 B	8.80B	20
21	10.4 B	8.30B	5.70B	28.4	52.7	48.0	8.18	3.69	3.26	2.83	12.3 B	8.50B	21
22	10.2 B	8.20B	5.70B	32.6	57.8	41.7	5.85	3.81	3.16	2.90	11.8 B	8.40B	22
23	10.1 B	8.10B	5.70B	35.3	54.1	37.0	5.56	4.44	3.18	2.99	11.3 B	8.40B	23
24	10.0 B	8.00B	5.80B	38.5	55.5	33.4	5.32	4.87	3.07	3.06	10.8 B	8.30B	24
25	9.70B	8.00B	5.80B	43.7	51.0	30.4	5.11	4.47	3.02	3.13	10.4 B	8.20B	25
26	9.50B	8.80B	6.10B	57.7	47.0	27.6	5.00	4.22	2.91	3.88	10.0 B	8.10B	26
27	9.40B	8.40B	7.00B	82.1	44.0	25.2	5.30	4.15	2.83	4.25	9.70B	8.10B	27
28	9.20B	8.70B	8.40B	101	40.2	22.8	5.22	4.25	2.75	4.24	9.30B	8.00B	28
29	9.00B		12.0 B	108	37.2	20.7	4.84	4.07	2.68	4.21	9.00B	8.00B	29
30	8.90B		16.8 B	103	34.9	19.0	4.61	3.90	2.84	4.43	8.80B	4.80B	30
31	8.70B		17.5 B		34.4		4.25	4.08		5.55		4.90B	31
TOTAL	380.00	195.20	207.40	1 039.2	2 178.6	1 012.8	287.75	127.19	111.37	97.40	325.90	193.30	TOTAL
MEAN	11.6	6.97	6.69	34.6	70.3	33.8	8.84	4.10	3.71	3.14	10.9	8.20	MEAN
MAX	14.0	8.80	17.5	108	122	57.7	17.6	5.18	5.37	5.55	14.2	8.50	MAX
MIN	8.70	5.70	5.10	17.8	34.4	19.0	4.25	3.45	2.84	2.84	8.57	4.90	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.8
MAXIMUM DAILY, 122 ON MAY 7
MINIMUM DAILY, 2.84 ON OCT 19
MAXIMUM INSTANTANEOUS,
134 AT 00:27 EST ON MAY 7

SUMMARY FOR THE YEAR 1969

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 56 07 N
LONG 83 26 00 W
DRAINAGE AREA, 1 440 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	31 100	JUL	23 100
FEB	16 900	AUG	11 000
MAR	17 800	SEP	9 820
APR	88 800	OCT	8 420
MAY	188 000	NOV	28 200
JUN	87 500	DEC	16 800

TOTAL DISCHARGE, 528 000 dam³

AUSABLE RIVER NEAR EXETER - STATION NO. 02FF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.47	5.01	0.2208	2.33	0.520	3.98	0.108	0.008	0.088	0.026	0.081	1.31	1
2	1.25 B	3.74	0.2178	1.85	0.488	1.88	0.080	0.014	0.040	0.026	0.121	1.12	2
3	1.17 B	2.10 B	0.2358	2.82	0.478	1.37	0.077	0.007	0.028	0.032	0.123	1.02 B	3
4	1.08 B	1.30 B	0.3408	4.94	0.481	1.03	0.058	0.122	0.026	0.031	0.104	0.8808	4
5	1.03 B	0.9708	0.4808	3.92	0.508	0.810	0.051	0.016	0.026	0.027	0.103	0.7408	5
6	1.00 B	0.7208	0.5108	3.10	0.541	0.414	0.048	0.008	0.037	0.038	0.145	0.8508	6
7	0.9308	0.6408	0.5808	2.52	0.501	0.479	0.035	0.024	0.043	0.039	0.219	0.8808	7
8	11.3	0.4708	0.3618	1.95	0.478	0.558	0.026	0.052	0.041	0.037	0.301	0.5008	8
9	8.55	0.4028	0.3308	1.58	0.442	0.204	0.021	0.041	0.060	0.035	0.408	0.5408	9
10	5.71	0.3758	0.7008	1.38	0.402	0.282	0.018	0.017	0.082	0.288	0.386	0.4908	10
11	4.50 B	0.3488	1.38 B	1.33	0.378	0.232	0.018	0.010	0.048	0.382	0.304	0.4308	11
12	3.30 B	0.3358	3.90 B	1.81	0.432	0.177	0.029	0.058	0.044	0.434	0.283	0.3808	12
13	2.20 B	0.3258	2.00 B	2.04	0.444	0.176	0.025	0.024	0.044	0.229	0.673	0.3508	13
14	1.70 B	0.3808	1.72 B	3.74	0.538	0.187	0.028	0.038	0.048	0.117	1.33	0.3208	14
15	1.33 B	0.3718	7.22	5.88	0.418	0.183	0.018	0.042	0.044	0.088	4.02	0.3008	15
16	1.17 B	0.3808	3.41	3.74	0.375	0.885	0.008	0.038	0.074	0.088	10.3	0.2828	16
17	0.8488	0.3188	2.08	2.48	0.308	0.844	0.005	0.022	0.091	0.107	8.77	0.2728	17
18	0.7908	0.2878	2.28	2.58	0.247	0.414	0.008	0.020	0.048	0.088	3.33	0.2628	18
19	0.8408	0.2688	2.15	2.33	0.204	0.371	0.010	0.028	0.040	0.101	1.82	0.2548	19
20	0.7908	0.2708	2.02	0.851	0.264	0.320	0.028	0.025	0.040	0.083	2.13	0.2488	20
21	0.8808	0.2738	1.61	0.570	0.385	1.87	0.018	0.022	0.038	0.133	3.40	0.2428	21
22	0.8408	0.2688	1.28	1.04	0.280	1.27	0.009	0.028	0.588	0.148	2.34	0.2388	22
23	0.8988	0.2428	1.62	0.843	0.222	1.13	0.006	0.023	0.182	0.114	1.72	0.2368	23
24	0.7488	0.2258	3.97	0.481	0.187	0.758	0.007	0.022	0.052	0.128	1.34	0.2348	24
25	0.8108	0.2298	6.91	0.781	0.284	0.517	0.020	0.023	0.038	0.121	0.971	0.2328	25
26	2.78 B	0.2808	8.31	0.781	0.328	0.382	0.018	0.081	0.073	0.117	0.858	0.2318	26
27	1.88 B	0.2428	5.88	0.737	0.277	0.318	0.011	0.027	0.083	0.108	1.37	0.2308	27
28	1.48 B	0.2308	5.75	0.838	0.202	0.260	0.008	0.013	0.057	0.102	3.33	0.2388	28
29	1.77 B		5.78	0.602	0.138	0.180	0.008	0.084	0.040	0.088	2.73	0.2428	29
30	4.88		5.21	0.583	0.323	0.131	0.007	0.041	0.032	0.087	1.78	0.2508	30
31	4.38		3.36		1.05		0.007	0.040		0.082		0.8008	31
TOTAL	72.828	21.882	83.893	80.738	12.082	20.673	0.822	0.871	2.082	3.844	82.305	13.881	TOTAL
MEAN	2.35	0.782	2.70	2.02	0.390	0.889	0.027	0.031	0.070	0.114	1.74	0.447	MEAN
MAX	11.3	5.01	8.76	5.88	1.05	3.88	0.108	0.122	0.588	0.428	10.3	1.31	MAX
MIN	0.840	0.229	0.217	0.583	0.138	0.131	0.005	0.008	0.025	0.027	0.081	0.230	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.847
MAXIMUM DAILY, 11.3 ON JAN 8
MINIMUM DAILY, 0.005 ON JUL 17
MAXIMUM INSTANTANEOUS,
15.7B AT 19:28 EST ON DEC 8

SUMMARY FOR THE YEAR 1969

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 21 43 N
LONG 81 30 37 W
DRAINAGE AREA, 113 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 280	JUL	71.0
FEB	1 880	AUG	83.9
MAR	7 230	SEP	181
APR	5 250	OCT	308
MAY	1 040	NOV	4 520
JUN	1 780	DEC	1 200

TOTAL DISCHARGE, 29 800 dam³

AUSABLE RIVER NEAR SPRINGBANK - STATION NO. 02FF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.7 A	30.7	1.188	20.2	3.36	3.67	1.12	0.315	0.272	0.388	0.589	12.6	1
2	13.3 A	28.4	1.158	15.0	3.04	6.84	0.972	0.290	0.266	0.397	0.585	9.70	2
3	9.208	18.7 A	1.148	14.8	2.80	12.4	0.848	0.261	0.287	0.348	0.637	7.708	3
4	8.608	15.4 B	1.138	28.9	2.82	9.42	0.772	0.276	0.248	0.338	0.672	8.408	4
5	8.608	11.8 B	2.188	33.1	2.58	8.71	0.718	0.285	0.211	0.309	0.741	4.408	5
6	8.108	8.408	3.758	30.7	2.88	8.26	0.647	0.260	0.202	0.280	0.942	3.758	6
7	4.808	7.008	3.858	24.4	2.72	4.17	0.587	0.271	0.224	0.263	1.37	3.308	7
8	17.2 B	6.808	3.858	18.1	2.78	2.88	0.548	0.268	0.231	0.337	5.37	2.908	8
9	32.0 B	4.558	3.408	14.0	2.68	2.73	0.500	0.278	0.300	0.383	5.86	2.858	9
10	28.0 B	3.908	3.008	11.3	2.51	3.40E	0.480	0.889	0.883	0.480	4.99	2.788	10
11	21.0 B	3.508	5.608	9.85	2.26	3.10E	0.430	0.812	0.879	5.31	3.59	2.558	11
12	13.5 B	3.008	9.008	8.80	2.23	2.80E	0.417	0.589	0.492	4.78	2.80	2.358	12
13	10.5 B	2.358	7.708	11.9	2.40	2.55E	0.388	0.428	0.362	2.61	2.18	2.188	13
14	9.208	2.058	6.408	25.3	2.35	2.45E	0.370	0.387	0.319	1.78	1.81	2.008	14
15	7.708	2.208	12.8 B	26.8	2.33	5.10E	0.381	0.380	0.308	1.36	11.3	1.888	15
16	6.308	2.338	22.0 B	25.4	2.24	5.40E	0.408	0.428	0.308	1.07	88.7	1.778	16
17	4.808	2.188	17.7	19.0	2.15	4.50E	0.381	0.533	0.317	0.940	58.3	1.688	17
18	3.808	1.878	27.5	17.7	1.98	4.20E	0.318	0.448	0.380	0.832	31.0	1.558	18
19	4.808	1.788	38.3	14.8	1.87	3.80E	0.319	0.327	0.408	0.795	20.8	1.488	19
20	3.858	1.638	25.9	12.1	1.88	3.47	0.482	0.313	0.383	0.774	14.6	1.428	20
21	3.408	1.708	17.0	10.2	2.25	3.28	0.572	0.309	0.321	0.788	13.4	1.388	21
22	3.088	1.538	12.7	8.13	2.37	4.12	0.503	0.328	0.437	0.847	12.8	1.308	22
23	3.408	1.408	11.7	6.28	2.08	3.87	0.488	0.326	2.80	0.907	10.8	1.258	23
24	3.508	1.288	18.2	5.61	1.88	4.40A	0.511	0.303	4.58	0.861	9.19	1.218	24
25	4.358	1.298	24.3	5.18	1.77	7.08A	0.448	0.278	3.50	0.818	7.74	1.188	25
26	8.158	1.328	32.2	4.71	5.65	5.51A	0.572	0.254	1.85	0.828	7.85	1.128	26
27	17.0 B	1.358	32.3	4.37	7.93	3.80E	0.847	0.238	1.01	0.745	8.88	1.108	27
28	13.5 B	1.258	32.1	4.00	3.85	2.29A	0.822	0.221	0.889	0.757	16.2	1.138	28
29	13.1 B		43.4	3.88	2.80	1.84	0.454	0.244	0.548	0.704	24.1	1.188	29
30	10.5 B		42.7 A	3.84	2.28	1.34	0.401	0.257	0.458	0.725	18.0	1.178	30
31	28.0 B		29.4 A		2.88		0.347	0.277		0.829		1.408	31
TOTAL	341.90	170.84	489.11	437.95	85.03	133.36	16.489	10.986	23.323	32.626	384.087	87.34	TOTAL
MEAN	11.0	6.09	15.8	14.6	2.74	4.45	0.532	0.354	0.777	1.05	12.1	2.82	MEAN
MAX	32.0	30.7	43.4	33.1	7.93	12.4	1.12	0.812	4.58	5.31	88.7	12.6	MAX
MIN	3.08	1.28	1.13	3.84	1.77	1.34	0.318	0.221	0.202	0.283	0.585	1.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.01
MAXIMUM DAILY, 88.7 ON NOV 15
MINIMUM DAILY, 0.202 ON SEP 5
MAXIMUM INSTANTANEOUS,
80.5 AT 15:43 EST ON NOV 15

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 04 20 N
LONG 81 38 35 W
DRAINAGE AREA, 885 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	29 500	JUL	1 420
FEB	14 700	AUG	949
MAR	42 300	SEP	2 020
APR	37 800	OCT	2 820
MAY	7 350	NOV	31 500
JUN	11 500	DEC	7 550

TOTAL DISCHARGE, 189 000 dam³

AUX SABLES RIVER AT MASSEY - STATION NO. 02CE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.7B	12.3 B	6.808	26.2B	88.8	22.5A	14.9	5.36	4.30	3.27	3.70	5.008	1
2	16.5B	12.2 B	6.808	27.2B	67.3	20.2	14.1	5.26	4.36	3.42	3.77	4.908	2
3	16.3B	11.7 B	6.758	28.0	64.4	19.1	13.3	5.26	4.32	3.52	4.03	4.828	3
4	16.0B	11.2 B	6.788	33.5	61.1	18.7	13.5	5.80	4.22	3.61	4.42	4.778	4
5	17.8B	10.8 B	6.808	41.8	58.5	17.7	12.9	5.40	4.14	3.48	4.83	4.708	5
6	17.5B	10.5 B	6.808	47.4	57.0	16.9	12.1	5.88	4.06	3.58	5.26	4.628	6
7	17.2B	10.3 B	6.808	46.5	57.8	15.8	11.5	5.20	3.88	3.78	9.80	4.558	7
8	16.0B	10.1 B	6.808	47.4	58.1	15.1A	10.9	5.67	4.09	3.77	9.32	4.538	8
9	15.0B	9.908	6.708	45.0	53.4	15.8E	10.4	5.55	4.29	3.67	8.86	4.488	9
10	15.0B	9.708	6.638	39.9	49.9	15.8E	10.0	5.41	4.58	3.61	8.73	4.418	10
11	16.8B	9.508	6.808	36.2	45.9	16.5A	9.87	5.30	4.72	3.63	8.38	4.388	11
12	16.0B	9.358	6.698	34.0	43.4	17.8	9.84	5.17	4.61	3.85	8.14	4.368	12
13	17.2B	9.108	6.598	32.0	41.1	16.4	9.10	5.07	4.28	3.88	7.73	4.308	13
14	16.8B	8.958	6.598	30.0	38.2	15.6	8.64	5.03	4.13	3.68	7.38	4.288	14
15	16.3B	8.708	6.758	29.8	36.3	15.7A	8.26	5.13	4.04	3.80	8.84	4.228	15
16	15.8B	8.558	7.108	32.3	37.1	25.8E	7.92	5.48	3.88	3.65	7.01	4.198	16
17	15.4B	8.388	7.278	43.1	35.8	42.0E	7.81	5.24	3.89	3.71	6.24	4.178	17
18	15.1B	8.208	7.558	52.0	34.1	44.5A	7.40	5.30	3.81	3.85	5.808	4.128	18
19	14.8B	8.028	7.708	64.7	32.8	38.0	7.17	5.14	3.74	3.81	5.358	4.088	19
20	14.3B	7.878	7.628	69.3	32.8	33.8	7.24	4.97	3.89	3.92	5.208	4.058	20
21	14.0B	7.708	8.458	68.1	33.4	29.2	7.34	4.88	3.88	3.82	6.008	4.038	21
22	13.8B	7.458	10.5 B	65.5	34.4	28.8	7.08	4.85	3.88	3.88	5.908	4.008	22
23	13.7B	7.308	11.0 B	63.8	33.1	25.9	8.76	5.05	3.56	3.96	5.408	3.988	23
24	13.4B	7.138	10.5 B	62.8	31.3	24.1	8.48	5.07	3.51	3.88	5.858	3.978	24
25	13.2B	7.058	10.1 B	65.0	29.8	22.1	8.28	4.90	3.50	3.78	5.508	3.958	25
26	13.0B	7.008	10.3 B	60.2	28.4	20.8	8.18	4.71	3.48A	3.72	5.458	3.958	26
27	12.8B	6.808	11.0 B	56.0	27.6	20.1	8.14	4.80	3.40E	3.84	5.388	3.938	27
28	12.7B	6.628	13.4 B	71.1	26.8	18.7	8.14	4.80	3.33A	3.80	5.258	3.828	28
29	12.6B		17.5 B	73.1	24.8	17.8	8.03	4.45	3.32	3.69	5.158	3.818	29
30	13.5B		20.0 B	71.6	23.8	16.1	8.77	4.38	3.29	3.55	5.108	3.808	30
31	12.6B		24.0 B		22.8A		8.50	4.35		3.87		3.908	31
TOTAL	488.7	253.87	285.70	1 423.6	1 288.4	698.8	278.03	151.42	117.88	113.45	190.95	132.39	TOTAL
MEAN	15.8	9.02	9.22	47.5	41.8	23.3	8.90	5.21	3.93	3.66	6.37	4.27	MEAN
MAX	18.0	12.3	24.0	73.1	88.8	44.5	14.9	5.88	4.72	3.89	9.80	5.00	MAX
MIN	12.5	6.62	6.58	26.2	22.8	15.1	5.50	4.35	3.29	3.27	3.70	3.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.8
MAXIMUM DAILY, 73.1 ON APR 28
MINIMUM DAILY, 3.27 ON OCT 1
MAXIMUM INSTANTANEOUS,
73.4 AT 08:24 EST ON APR 29

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 12 54 N
LONG 82 04 14 W
DRAINAGE AREA, 1 350 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	42 200	JUL	23 800
FEB	21 800	AUG	13 800
MAR	24 700	SEP	10 300
APR	123 000	OCT	9 800
MAY	111 000	NOV	18 500
JUN	57 800	DEC	11 400

TOTAL DISCHARGE, 488 000 dam³

AVON RIVER BELOW STRATFORD - STATION NO. 02GD018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.20 B	6.30	0.610B	3.95	0.946	9.45	0.493	0.198	0.553	0.223	0.298	1.44	1
2	1.78 B	4.90	0.820B	3.10	0.976	10.8	0.410	0.180	0.388	0.338	0.419	1.20 B	2
3	1.40 B	3.80 B	0.840B	5.47	0.806	8.44	0.427	0.168	0.202	0.381	0.418	0.900B	3
4	1.38 B	2.70 B	0.880B	8.15	0.929	3.88	0.846	0.731	0.171	0.347	0.291	0.700B	4
5	1.30 B	2.10 B	1.05 B	8.18	1.28	2.82	0.518	0.583	0.198	0.297	0.257	0.580B	5
6	1.26 B	1.45 B	0.840B	5.90	1.11	1.81	0.503	0.281	0.240	0.357	0.884	0.520B	6
7	1.40 B	1.05 B	0.800B	3.59	0.926	1.47	0.462	0.198	0.348	0.351	0.858	0.440B	7
8	10.2 B	0.900B	0.880B	1.28	1.08	1.24	0.372	0.227	0.288	0.371	0.804	0.440B	8
9	5.70	0.800B	0.940B	1.05	1.00	1.15	0.278	0.282	0.284	0.241	0.757	0.410B	9
10	3.30 B	0.770B	1.00 B	2.04	0.869	1.76	0.317	0.270	0.833	2.00	0.518	0.380B	10
11	2.00 B	0.750B	1.15 B	2.10	0.886	1.38	0.364	0.255	0.283	1.47	0.443	0.380B	11
12	1.70 B	0.730B	1.30 B	2.40	1.38	1.13	0.347	0.243	0.288	0.448	0.387	0.340B	12
13	1.48 B	0.720B	1.55 B	3.22	1.38	1.01	0.318	0.303	0.284	0.474	0.385	0.320B	13
14	1.28 B	0.800B	2.80 B	5.13	1.17	0.944	0.240	0.341	0.288	0.372	1.53	0.310B	14
15	1.14 B	0.780B	14.3	8.84	1.10	0.848	0.228	0.522A	0.318	0.311	5.39	0.300B	15
16	1.05 B	0.700B	5.10	4.58	1.10	0.880	0.238	0.738	0.268	0.331	9.05	0.300B	16
17	0.880B	0.670B	2.95 B	3.18	0.990	0.922	0.213	0.380	0.442	0.400	4.55	0.298B	17
18	0.800B	0.650B	3.27 B	2.80	0.913	0.868	0.288	0.284	0.278	0.426	2.72	0.296B	18
19	1.10 B	0.620B	2.78 B	3.27	0.831	0.774	0.383	0.241	0.277	0.389	2.15	0.294B	19
20	1.00 B	0.850B	2.45	3.21	1.00	0.898	1.22	0.217	0.278	0.536	3.03	0.292B	20
21	0.880B	0.880B	2.00	0.782	0.954	0.845	0.334	0.281	0.278	0.427	3.54	0.290B	21
22	0.880B	0.880B	1.83	0.854	0.821	1.92	0.232	0.283	0.583	0.402	2.37	0.288B	22
23	0.920B	0.840B	2.08	0.804	0.765	1.17	0.318	0.298	0.888	0.581	2.08	0.288B	23
24	1.38 B	0.830B	4.10	1.13	0.783	0.880	0.188	0.252	0.318	0.978	2.13	0.284B	24
25	1.86 B	0.620B	10.5	1.12	0.868	0.714	0.188	0.248	0.282	0.978	2.12	0.282B	25
26	5.85 B	0.610B	12.2	1.22	1.41	0.882	0.238	0.212	0.292	0.248	1.18	0.280B	26
27	3.89 B	0.600B	8.19	1.04	0.916	0.835	0.835	0.188	0.278	0.214	1.58	0.276B	27
28	2.29 B	0.600B	11.7	0.956	0.898	0.868	0.520	0.205	0.291	0.180	4.82	0.276B	28
29	3.32		18.7	0.974	0.683	0.508	0.212	0.398	0.273	0.158	3.28	0.274B	29
30	8.67		8.22	1.03	1.90	0.585	0.163	0.329	0.280	0.180	2.32	0.272B	30
31	4.78		5.43		3.76		0.152	0.264		0.208		0.400B	31
TOTAL	74.890	36.880	130.920	88.920	34.685	88.181	11.236	9.385	9.875	14.284	80.334	13.388	TOTAL
MEAN	2.42	1.31	4.22	2.96	1.12	1.94	0.362	0.303	0.329	0.461	2.01	0.432	MEAN
MAX	10.2	6.30	18.7	8.84	3.76	10.8	1.22	0.738	0.888	2.00	9.05	1.44	MAX
MIN	0.880	0.600	0.610	0.804	0.683	0.508	0.152	0.188	0.171	0.158	0.257	0.272	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.48
MAXIMUM DAILY, 18.7 ON MAR 29
MINIMUM DAILY, 0.152 ON JUL 31
MAXIMUM INSTANTANEOUS,
23.8 AT 03:26 EST ON MAR 29

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 20 42 N
LONG 81 06 58 W
DRAINAGE AREA, 144 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 470	JUL	971
FEB	3 180	AUG	812
MAR	11 300	SEP	853
APR	7 650	OCT	1 240
MAY	3 000	NOV	5 210
JUN	5 030	DEC	1 180

TOTAL DISCHARGE, 48 900 dam³

BASSWOOD RIVER NEAR WINTON - STATION NO. 05PA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	36.5	32.0	22.7	22.8	101	85.7	58.2	30.0	13.0	16.7	13.0	12.4	1
2	36.2	31.4	22.8	33.4	108	86.1	47.5	29.2	13.0	17.1	12.8	12.4	2
3	36.2	30.9	21.9	33.9	114	84.8	45.2	28.4	13.1	16.8	12.8	12.5	3
4	37.9	30.5	21.2	34.5	121	83.7	43.3	29.2	15.3	16.5	12.7	12.5	4
5	37.4	30.3	20.4	26.2	128	83.4	41.3	27.7	15.9	16.9	12.8	12.4	5
6	37.1	30.0	19.8	25.5	134	82.3	78.3	26.4	16.2	16.2	12.7	12.4	6
7	37.1	30.0	19.3	25.8	138	82.8	76.2	24.9	16.5	16.4	12.7	12.4	7
8	37.1	29.7	14.9	26.4	142	80.3	73.3	23.8	16.7	16.8	12.7	12.5	8
9	37.1	29.7	18.8	27.0	144	88.1	70.5	22.7	17.2	16.5	12.5	12.6	9
10	36.6	29.4	18.4	27.5	146	85.5	67.4	21.8	17.4	16.5	12.5	12.5	10
11	36.5	29.4	18.7	28.0	148	83.0	64.8	20.8	16.2	16.3	12.2	12.5	11
12	36.6	29.4	19.6	28.5	149	83.0	61.2	19.7	16.1	14.8	12.4	12.3	12
13	36.2	29.2	20.0	29.2	148	86.7	58.4	18.9	16.4	14.8	12.3	12.3	13
14	36.0	28.8	20.1	29.7	147	85.0	56.1	18.8	16.8	14.8	12.2	12.5	14
15	35.4	28.8	19.9	30.8	145	84.4	53.2	17.8	16.9	14.8	12.1	12.5	15
16	35.4	28.8	19.7	31.4	142	84.1	51.0	18.8	16.9	14.2	11.9	12.5	16
17	35.1	28.8	19.6	33.1	138	84.1	49.3	18.1	20.0	14.0	11.8	12.5	17
18	35.1	28.6	19.4	34.5	135	85.0	47.8	18.4	20.1	13.7	11.8	12.3	18
19	35.4	27.4	19.3	35.7	131	85.6	46.3	18.0	20.0	13.8	12.0	12.4	19
20	35.4	28.0	19.0	37.1	128	88.7	43.0	14.8	20.8	13.3	11.7	12.1	20
21	35.1	25.1	18.8	38.8	121	88.8	41.1	14.3	21.0	13.2	12.1	12.1	21
22	34.8	24.3	18.6	41.3	118	88.8	38.1	14.4	20.8	13.1	12.1	12.1	22
23	34.3	23.8	18.7	45.3	113	91.8	37.7	14.1	20.1	13.0	12.0	12.1	23
24	34.0	23.6	18.7	48.8	110	93.3	36.8	13.8	19.7	13.0	12.2	12.1	24
25	34.0	23.4	18.8	85.2	108	95.4	35.4	13.2	18.8	13.0	12.0	12.1	25
26	34.0	23.2	19.2	82.0	106	97.1	34.3	12.8	18.7	13.1	12.2	12.1	26
27	33.7	23.2	20.0	83.4	102	98.3	33.7	12.5	18.4	13.2	12.2	12.0	27
28	33.1	22.8	21.1	78.7	99.7	84.3	32.6	12.7	17.8	13.8	12.2	11.8	28
29	33.1		21.8	84.7	98.4	81.8	32.0	13.1	17.3	13.5	12.3	11.8	29
30	32.8		21.9	82.6	96.3	81.2	31.1	12.9	17.1	13.5	12.3	11.8	30
31	32.9		22.2		96.6		30.8	13.3		13.1		11.9	31
TOTAL	1 103.8	778.0	618.3	1 185.3	3 894.2	2 888.6	1 707.2	585.7	540.8	448.8	389.5	380.1	TOTAL
MEAN	35.9	27.8	20.0	39.5	126	88.8	55.1	18.9	18.0	14.5	12.3	12.3	MEAN
MAX	36.5	32.0	22.7	82.6	148	97.1	58.2	30.0	21.0	17.1	13.0	12.5	MAX
MIN	32.8	22.8	18.4	22.8	96.6	83.0	30.8	12.8	13.0	12.9	11.7	11.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 39.1
MAXIMUM DAILY, 149 ON MAY 13
MINIMUM DAILY, 11.8 ON DEC 31
MAXIMUM INSTANTANEOUS,
161 AT 16:00 CST ON MAY 11

SUMMARY FOR THE YEAR 1988

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 04 55 N
LONG 91 38 10 W
DRAINAGE AREA, 4 510 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	95 400	JUL	148 000
FEB	67 300	AUG	90 800
MAR	53 500	SEP	46 700
APR	102 000	OCT	38 600
MAY	333 000	NOV	31 900
JUN	233 000	DEC	33 800

TOTAL DISCHARGE, 1 230 000 dam³

BATCHAWANA RIVER NEAR BATCHAWANA - STATION NO. 02BF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.5 B	8.80B	5.28B	37.2B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.90B	1
2	14.4 B	8.70B	5.18B	37.0B	131	28.4	9.99	2.88	3.88	2.39	20.5	9.70B	2
3	14.2 B	8.60B	5.10B	35.2B	117	26.3	9.97	3.07	3.88	2.55	18.3	9.50B	3
4	13.9 B	8.40B	5.02B	36.8B	133	23.7	10.7	3.18	3.87	2.64	15.7	9.30B	4
5	13.8 B	8.25B	4.98B	36.0B	166	21.4	9.51	3.11	3.77	2.68	21.4	9.10B	5
6	13.7 B	8.08B	4.90B	36.2B	172	19.8	8.47	3.38	3.46	3.40	40.0	9.00B	6
7	13.5 B	7.90B	4.82B	35.0B	145	19.2	7.98	3.41	3.24	4.16	39.3	8.90B	7
8	13.3 B	7.70B	4.75B	34.0B	117	30.4	7.31	3.28	6.17	4.19	36.3	8.70B	8
9	13.0 B	7.55B	4.68B	33.0B	107	47.8	8.73	3.07	5.30	3.95	37.8	8.60B	9
10	12.8 B	7.42B	4.63B	32.0B	105	53.0	8.01	2.90	5.62	3.78	42.9	8.45B	10
11	12.4 B	7.30B	4.60B	31.0B	105	49.9	7.18	2.77	5.97	3.58	44.7	8.30B	11
12	12.2 B	7.10B	4.55B	30.0B	107	45.0	6.40	2.67	5.78	3.55	40.7	8.20B	12
13	11.8 B	7.00B	4.48B	29.5	115	37.6	5.98	2.75	5.37	3.46	34.8	8.05B	13
14	11.5 B	6.85B	4.42B	28.2	119	32.1	5.58	3.08	4.78	3.40	29.7	7.90B	14
15	11.2 B	6.72B	4.40B	27.9	115	28.5	5.31	3.65	4.29	3.33	25.8	7.80B	15
16	11.0 B	6.60B	4.38B	27.8	102	30.4	5.06	3.38	4.01	3.25	22.6	7.70B	16
17	10.7 B	6.53B	4.36B	31.1	88.5	44.2	4.84	4.07	3.78	3.10	13.9B	7.60B	17
18	10.5 B	6.40B	4.30B	36.3	74.7	50.9	4.85	4.23	3.44	2.98	13.2B	7.50B	18
19	10.4 B	6.32B	4.25B	38.8	82.4	47.3	4.44	3.80	3.30	2.88	12.7B	7.40B	19
20	10.2 B	6.22B	4.22B	42.1	55.9	40.8	4.22	3.64	3.11	2.84	12.5B	7.30B	20
21	10.0 B	6.15B	4.21B	47.8	57.1	34.3	4.08	3.79	2.93	3.06	12.2B	7.25B	21
22	9.82B	6.12B	4.15B	54.2	57.3	28.4	3.97	4.05	2.89	3.12	11.9B	7.20B	22
23	9.65B	5.90B	4.15B	58.7	53.2	24.9	3.77	4.66	2.83	3.16	11.8B	7.05B	23
24	9.50B	5.80B	4.21B	67.0	47.6	22.0	3.65	4.57	2.82	3.32	11.4B	7.00B	24
25	9.35B	5.70B	4.25B	80.0	42.4	19.7	3.54	4.57	2.72	3.37	11.2B	6.95B	25
26	9.23B	5.60B	4.30B	112	37.3	17.2	3.42	4.24	2.69	3.82	10.9B	6.90B	26
27	9.07B	5.50B	4.40B	160	33.1	15.2	3.43	3.81	2.64	4.15	10.7B	6.80B	27
28	9.00B	5.40B	4.70B	189	28.6	13.8	3.24	3.59	2.56	4.19	10.4B	6.75B	28
29	8.99B		8.70B	188	26.5	12.6	3.19	3.31	2.53	4.58	10.3B	6.70B	29
30	8.95B		14.0 B	170	25.8	11.5	3.07	3.14	2.46	4.88	10.1B	6.65B	30
31	8.90B		26.7 B		27.4		2.96	3.61		10.4		6.60B	31
TOTAL	351.57	194.65	177.13	1 800.8	2 722.8	909.1	181.17	108.41	114.35	112.65	653.6	244.75	TOTAL
MEAN	11.3	6.95	5.71	60.0	87.8	30.3	5.84	3.50	3.81	3.63	21.8	7.90	MEAN
MAX	14.5	8.80	26.7	189	172	53.0	10.7	4.66	6.17	10.4	44.7	9.90	MAX
MIN	8.90	5.40	4.15	27.8	25.8	11.5	2.96	2.67	2.46	2.39	10.1	6.60	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.7
MAXIMUM DAILY, 189 ON APR 28
MINIMUM DAILY, 2.39 ON OCT 2
MAXIMUM INSTANTANEOUS,
196 AT 20:46 EST ON APR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 59 38 N
LONG 84 31 31 W
DRAINAGE AREA, 1 190 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	30 400	JUL	15 700
FEB	16 800	AUG	9 370
MAR	15 300	SEP	9 880
APR	156 000	OCT	9 730
MAY	235 000	NOV	56 500
JUN	78 200	DEC	21 100

TOTAL DISCHARGE, 664 000 dam³

BAYFIELD RIVER NEAR VARNA - STATION NO. 02FF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.81	21.4	1.08B	10.8	1.84	5.72	0.272	0.051	0.095	0.073	0.142	3.75	1
2	4.77	18.7	1.04B	8.03	1.48	4.46	0.246	0.052	0.110	0.077	0.242	3.11	2
3	3.83	8.20B	1.17B	10.2	1.40	3.20	0.238	0.057	0.081	0.079	0.318	2.88	3
4	3.00B	5.45B	1.32B	16.8	1.30	2.94	0.195	0.209	0.079	0.078	0.301	2.30 B	4
5	2.70B	3.90B	1.72B	15.0	1.36	2.38	0.187	0.225	0.071	0.074	0.357	1.63 B	5
6	2.40B	3.30B	2.20B	11.2	1.56	1.80	0.163	0.113	0.073	0.094	0.392	1.42 B	6
7	2.32B	2.70B	2.07B	9.12	1.52	1.54	0.135	0.095	0.092	0.115	0.419	1.24 B	7
8	19.0 B	2.40B	1.75B	6.78	1.61	1.28	0.128	0.107	0.091	0.124	0.498	1.07 B	8
9	30.8	2.15B	1.40B	5.28	1.40	1.25	0.113	0.100	0.109	0.127	0.517	0.990B	9
10	18.0	1.95B	2.35B	4.25	1.25	1.09	0.109	0.090	0.104	0.265	0.481	1.05 B	10
11	10.0 B	1.75B	8.60B	4.18	1.19	0.835	0.099	0.088	0.084	0.270	0.480	0.930B	11
12	7.00B	1.80B	18.7 B	6.30	1.38	0.780	0.092	0.086	0.075	0.182	0.502	0.850B	12
13	5.00B	1.50B	13.0 B	9.40	1.52	0.698	0.094	0.081	0.075	0.124	0.448	0.784B	13
14	4.00B	1.62B	12.0 B	14.8	1.40	0.667	0.093	0.078	0.070	0.110	0.520	0.720B	14
15	3.10B	1.60B	30.0 B	22.2	1.62	0.635	0.088	0.105	0.071	0.103	2.08	0.675B	15
16	2.85B	1.64B	20.2	18.7	1.41	0.771	0.081	0.123	0.087	0.099	8.19	0.640B	16
17	2.25B	1.50B	10.2	11.6	1.20	0.703	0.077	0.084	0.177	0.112	11.8	0.616B	17
18	2.35B	1.41B	8.00	10.8	1.09	0.716	0.076	0.081	0.102	0.128	6.39	0.590B	18
19	2.60B	1.35B	7.13	6.92	1.01	0.603	0.072	0.079	0.090	0.124	3.30	0.570B	19
20	2.30B	1.30B	6.88	6.48	1.05	0.719	0.091	0.083	0.132	0.127	3.00	0.556B	20
21	2.15B	1.42B	5.64	4.74	1.18	0.845	0.087	0.088	0.075	0.151	4.34	0.545B	21
22	2.30B	1.34B	4.85	3.68	0.998	0.984	0.083	0.081	0.091	0.217	4.83	0.535B	22
23	2.48B	1.25B	6.27	3.05	0.890	0.867	0.079	0.100	0.118	0.177	3.11	0.525B	23
24	2.64	1.18B	18.8	2.70	0.803	0.720	0.071	0.090	0.119	0.160	2.34	0.520B	24
25	2.51	1.18B	31.7	2.42	0.928	0.595	0.067	0.077	0.094	0.137	1.87	0.516B	25
26	8.47	1.28B	28.8	2.40	1.83	0.511	0.072	0.073	0.083	0.133	2.08	0.510B	26
27	10.4	1.21B	25.9	2.18	1.41	0.455	0.071	0.073	0.074	0.124	2.67	0.505B	27
28	8.67	1.14B	29.7	2.01	1.08	0.412	0.064	0.074	0.076	0.126	6.28	0.530B	28
29	7.15		43.3	1.84	0.907	0.345	0.059	0.110	0.071	0.125	9.99	0.550B	29
30	17.3		27.8	1.71	2.22	0.306	0.059	0.139	0.068	0.121	6.17	0.575B	30
31	18.4		18.5		4.28		0.054	0.081		0.148		0.580B	31
TOTAL	213.95	92.60	383.84	237.32	43.503	38.757	3.432	2.995	2.748	4.094	83.728	32.438	TOTAL
MEAN	6.90	3.31	12.4	7.91	1.40	1.29	0.111	0.097	0.092	0.132	2.79	1.05	MEAN
MAX	30.8	21.4	43.3	22.2	4.28	5.72	0.272	0.225	0.177	0.270	11.8	3.75	MAX
MIN	2.15	1.14	1.04	1.71	0.803	0.306	0.054	0.051	0.068	0.073	0.142	0.505	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.12
MAXIMUM DAILY, 43.3 ON MAR 29
MINIMUM DAILY, 0.051 ON AUG 1
MAXIMUM INSTANTANEOUS,
46.7 AT 14:00 EST ON MAR 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 33 03 N
LONG 81 35 22 W
DRAINAGE AREA, 465 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	18 500	JUL	297
FEB	8 000	AUG	259
MAR	33 100	SEP	237
APR	20 500	OCT	353
MAY	3 760	NOV	7 230
JUN	3 350	DEC	2 800

TOTAL DISCHARGE, 98 400 dam³

BEAR BROOK NEAR BOURGET - STATION NO. 02LB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5978	2.31 B	0.2528	36.0 B	2.33	1.63	0.385	0.202	1.48	0.208E	2.24	2.00 B	1
2	0.5788	1.11 B	0.2518	27.1 B	3.39	1.38	0.341	0.188	3.02	0.208E	2.44	1.70 B	2
3	0.5808	0.8408	0.2508	20.8	11.8	1.80	0.331	0.312	1.56	0.220E	2.14	1.52 B	3
4	0.5448	0.5188	0.2498	32.8	11.8	2.06	0.287	0.474	0.938	0.260E	1.80	1.38 B	4
5	0.5268	0.4638	0.2488	38.5	7.42	2.41	0.262	0.832	0.538	0.740E	1.76	1.27 B	5
6	0.5148	0.4088	0.2478	37.3	8.30	1.80	0.284	1.55	0.345E	0.858E	2.70	1.18 B	6
7	0.5048	0.3788	0.2468	26.1	15.8	1.47	0.246	3.18	0.332E	0.878E	3.46	1.11 B	7
8	0.5108	0.3808	0.2448	17.5	10.3	1.13	0.222	1.49	0.272E	0.280E	5.25	1.05 B	8
9	1.54 B	0.3478	0.2418	12.9	15.0	0.934	0.201	0.851	0.282E	0.243E	8.85	1.00 B	9
10	1.87 B	0.3338	0.2408	10.6	8.92	1.75	0.192	0.611	0.227E	0.286E	11.8	0.9718	10
11	1.26 B	0.3218	0.2408	8.53	8.30	3.74	0.383	0.480	0.228E	0.262A	8.31	0.8528	11
12	0.9308	0.3148	0.2408	7.20	7.46	3.01	0.280	0.343	0.238E	0.257E	5.86	0.8328	12
13	0.7808	0.3108	0.2418	8.86	18.8	1.92	0.245	0.302	0.211E	0.261E	5.35	0.8078	13
14	0.6408	0.3058	0.3048	8.60	27.0	1.50	0.222	0.258	0.217E	0.420E	8.72	0.8908	14
15	0.5808	0.3388	2.30 B	8.86	21.7	1.20	0.199	0.232	0.222E	0.310E	34.4	0.8788	15
16	0.5488	0.3208	11.2 B	8.86	13.2	1.03	0.285	0.208	0.228E	0.380E	37.7	0.8868	16
17	0.8278	0.3058	12.1 B	8.72	7.08	2.83	0.233	0.187	0.232E	0.422E	34.3	0.8608	17
18	0.8008	0.2928	9.70 B	7.93	4.77	5.88	0.184	0.172	0.236E	0.470E	22.6	0.8578	18
19	0.4828	0.2868	7.80 B	7.46	3.63	5.78	0.165	0.162	0.220A	0.428E	15.1	0.8488	19
20	0.4638	0.2838	8.15 B	8.07	2.68	3.85	0.148	0.180	0.218E	4.30 E	9.40	0.8408	20
21	0.4518	0.2808	3.11 B	5.04	2.19	2.35	0.134	0.886	0.214E	12.1	3.56	0.8408	21
22	0.4388	0.2768	2.02 B	4.20	1.88	1.89	0.129	0.561	0.229E	7.58	5.888	0.8308	22
23	0.4208	0.2728	1.75 B	3.58	1.83	1.48	0.127	0.360	0.332E	4.32	5.628	0.8228	23
24	0.4128	0.2688	1.60 B	3.17	1.83	1.17	0.120	0.276	0.408E	2.68	5.338	0.8178	24
25	0.3908	0.2658	1.49 B	2.91	1.70	0.980	0.118	0.234	0.408E	2.29	4.908	0.8028	25
26	0.3878	0.2628	4.80 B	2.77	1.66	0.780	0.111	0.204	0.263E	2.02	4.208	0.8008	26
27	0.3788	0.2588	22.8 B	2.65	1.86	0.714	0.115	0.185	0.367E	1.80	3.708	0.7928	27
28	0.3718	0.2588	40.0 B	2.42	1.81	0.633	0.184	0.178	0.358E	1.62	3.508	0.7808	28
29	0.3708		108 B	2.31	1.60	0.610	0.220	0.184	0.202E	1.74	2.588	0.7638	29
30	0.3858		78.0 B	2.30	1.37	0.446	0.171	0.180	0.210E	1.68	2.278	0.7808	30
31	0.6558		50.8 B		1.46		0.169	0.179		1.61		0.7648	31
TOTAL	18.994	12.073	383.612	370.48	234.67	57.587	8.730	15.098	14.157	51.285	267.31	30.662	TOTAL
MEAN	0.613	0.431	11.7	12.3	7.57	1.92	0.217	0.487	0.472	1.65	8.81	0.885	MEAN
MAX	1.87	2.31	108	36.5	27.0	5.88	0.385	3.18	3.02	12.1	37.7	2.00	MAX
MIN	0.370	0.258	0.240	2.30	1.37	0.446	0.111	0.180	0.202	0.208	1.78	0.780	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.95
MAXIMUM DAILY, 108 ON MAR 28
MINIMUM DAILY, 0.111 ON JUL 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 26 35 N
LONG 75 08 12 W
DRAINAGE AREA, 440 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 840	JUL	581
FEB	1 040	AUG	1 300
MAR	31 400	SEP	1 220
APR	32 000	OCT	4 430
MAY	20 300	NOV	23 100
JUN	4 970	DEC	2 880

TOTAL DISCHARGE, 126 000 dam³

BEAR CREEK BELOW BRIGDEN - STATION NO. 02GG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.22	12.3	0.5408	6.87	1.16	2.75	0.724	0.089	0.150	0.448	0.481	8.23	1
2	4.63	12.4	0.5658	4.86	1.08	2.82	0.807	0.074	0.109	0.375	0.584	3.93	2
3	2.508	11.2	0.5508	5.83	0.971	2.81	0.487	0.065	0.082	0.303	0.558	2.85	3
4	2.008	6.20 B	0.5258	11.8	0.877	2.76	0.400	0.060	0.123	0.233	0.508	1.40 B	4
5	1.708	4.80 B	0.9008	19.0	0.875	2.53	0.338	0.052	0.099	0.189	0.505	1.01 B	5
6	1.508	3.50 B	1.40 B	16.5	0.883	1.88	0.284	0.054	0.077	0.188	0.818	1.04 B	6
7	1.528	2.05 B	1.80 B	12.4	1.03	1.41	0.238	0.053	0.074	0.142	0.932	1.08 B	7
8	13.2	1.40 B	1.72 B	8.00	1.26	1.20	0.201	0.051	0.072	0.128	2.31	1.12 B	8
9	18.1	1.20 B	2.52 B	5.72	1.56	2.50	0.183	0.051	0.282	0.118	3.95	1.07 B	9
10	20.3	1.05 B	1.80 B	4.92	1.23	3.16	0.158	0.048	0.578	0.115	5.11	0.8208	10
11	22.0	0.9168	1.38 B	3.75	1.00	1.92	0.137	0.042	1.44	0.122	3.66	0.8308	11
12	15.5	0.8208	1.70 B	3.20	0.878	1.34	0.106	0.038	1.03	0.145	2.19	0.7308	12
13	7.38	0.7758	2.20 B	4.35	0.588	0.978	0.097	0.124	0.787	0.262	1.36	0.6508	13
14	3.508	0.7508	2.85 B	6.23	0.442	0.772	0.091	0.287	0.541	0.306	0.962	0.6908	14
15	2.708	0.8058	3.75 B	8.48	0.663	0.856	0.083	0.173	0.485	0.420	2.38	0.6358	15
16	2.208	0.8708	3.50 B	10.4	0.702	0.844	0.080	0.120	0.410	0.431	15.8	0.4808	16
17	1.908	0.9208	4.20 B	9.82	0.845	0.851	0.078	0.078	0.568	0.392	22.3	0.4308	17
18	1.708	0.8808	17.8	8.68	0.588	0.681	0.087	0.088	0.387	0.336	26.7	0.3808	18
19	1.568	0.8008	25.7	8.36	0.524	1.88	0.082	0.078	0.397	0.283	20.6	0.3588	19
20	1.438	0.7008	28.7	7.80	0.525	8.78	0.234	0.088	0.318	0.515	8.49	0.3208	20
21	1.368	0.6708	28.1	8.84	0.525	8.01	0.300	0.058	0.375	1.04	4.38	0.2858	21
22	1.288	0.6408	16.7	4.18	0.514	7.55	0.289	0.046	0.557	1.43	3.27	0.2858	22
23	1.228	0.6808	9.06	3.23	0.467	5.88	0.176	0.053	0.776	1.84	2.82 E	0.2408	23
24	1.148	0.7408	7.02	2.81	0.458	3.33	0.113	0.049	3.29	1.25	2.45 E	0.2158	24
25	1.158	0.7808	7.70	2.18	0.555	2.13	0.087	0.084	7.83	0.888	2.12	0.1908	25
26	3.80	0.7508	10.2	1.88	2.84	1.50	0.272	0.192	5.10	0.620	1.80	0.1608	26
27	6.04	0.8888	12.8	1.88	1.87	1.22	0.431	0.145	2.43	0.494	1.55	0.1708	27
28	8.90	0.8058	13.8	1.51	3.82	1.27	0.363	0.089	1.45	0.418	1.84	0.1608	28
29	8.61		14.4	1.41	2.97	1.22	0.248	0.088	0.900	0.407	2.88	0.1508	29
30	7.86		15.8	1.30	1.91	0.814	0.173	0.088	0.802	0.382	8.23	0.1408	30
31	9.62		11.0		2.08		0.128	0.132		0.407		0.1308	31
TOTAL	185.87	69.868	260.720	187.43	35.175	78.123	7.226	2.728	31.326	14.617	148.328	27.788	TOTAL
MEAN	6.00	2.50	8.09	6.54	1.13	2.60	0.233	0.088	1.04	0.485	4.98	0.887	MEAN
MAX	22.0	12.4	28.7	18.0	3.82	8.78	0.724	0.287	7.83	1.84	26.7	8.23	MAX
MIN	1.15	0.808	0.528	1.30	0.442	0.844	0.082	0.038	0.072	0.115	0.481	0.130	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.87
MAXIMUM DAILY, 28.7 ON MAR 20
MINIMUM DAILY, 0.038 ON AUG 12
MAXIMUM INSTANTANEOUS,
30.8 AT 03:03 EST ON MAR 21

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 48 42 N
LONG 82 17 54 W
DRAINAGE AREA, 533 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 100	JUL	624
FEB	6 080	AUG	238
MAR	21 700	SEP	2 710
APR	17 100	OCT	1 280
MAY	3 040	NOV	13 800
JUN	8 430	DEC	2 400

TOTAL DISCHARGE, 90 800 dam³

BEAR CREEK NEAR PETROLIA - STATION NO. 02GG008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.80	5.81	0.2158	2.70	0.548	1.24	0.220	0.032	0.018	0.113	0.280	1.97	1
2	1.01 B	5.85	0.2068	2.03	0.508	1.22	0.178	0.017	0.014	0.084	0.238	1.19	2
3	0.730B	2.85 B	0.2008	3.06	0.478	1.42	0.145	0.014	0.006	0.069	0.228	0.8208	3
4	0.700B	1.80 B	0.2208	8.48	0.451	1.15	0.120	0.011	0.003	0.062	0.218	0.5008	4
5	0.880B	1.00 B	0.388	9.86	0.488	0.784	0.103	0.008	0.002	0.052	0.202	0.5208	5
6	0.858B	0.780B	0.732	5.83	0.870	0.803	0.085	0.004	0.008	0.048	0.208	0.5408	6
7	0.578	0.880B	1.20 B	5.22	1.23	0.523	0.077	0.004	0.017	0.040	0.240	0.5708	7
8	8.88	0.580B	0.880B	3.77	1.08	0.588	0.070	0.004	0.022	0.039	1.71	0.454	8
9	17.4	0.500B	0.500B	2.70	0.743	0.436	0.083	0.002	0.043	0.033	1.47	0.418	9
10	14.3	0.440B	0.480B	2.05	0.802	0.417	0.084	0.001	0.062	0.042	1.07	0.4008	10
11	6.66 B	0.400B	0.500B	1.82	0.510	0.373	0.044	0.002	0.172	0.045	0.787	0.3808	11
12	2.96	0.380B	0.900B	1.61	0.485	0.283	0.040	0.008	0.217	0.084	0.542	0.3608	12
13	1.50 B	0.350B	1.25 B	2.72	0.458	0.278	0.035	0.002	0.188	0.198	0.442	0.3448	13
14	0.850B	0.384	1.08 B	5.45	0.453	0.259	0.030	0.002	0.104	0.227	0.832	0.3008	14
15	0.820B	0.428	1.30 B	5.51	0.442	0.251	0.028	0.005	0.087	0.188			15
16	0.700B	0.448	2.20 B	5.14	0.407	0.263	0.026	0.013	0.085	0.128	10.4	0.2808	16
17	0.630B	0.421	1.85	3.80	0.378	0.254	0.021	0.010	0.087	0.081	14.4	0.2408	17
18	0.580B	0.384	10.2	3.75	0.353	0.430	0.020	0.009	0.072	0.070	7.37	0.2158	18
19	0.560B	0.331	20.3	3.78	0.318	0.810	0.018	0.006	0.083	0.127	2.97	0.2008	19
20	0.530B	0.3008	15.6	2.76	0.333	3.00	0.027	0.006	0.180	0.535	1.88	0.188	20
21	0.500B	0.280B	7.08	2.03	0.338	3.88	0.025	0.016	0.112	0.877	1.46	0.141	21
22	0.480B	0.292B	4.16	1.58	0.347	2.04	0.021	0.018	0.139	0.538	1.54	0.1158	22
23	0.480B	0.320B	2.34	1.26	0.367	1.25	0.027	0.020	1.35	0.448	1.21	0.1068	23
24	0.435B	0.380B	3.66	1.02	0.316	0.818	0.055	0.022	2.88	0.335	0.9488	0.0958	24
25	0.448	0.350B	5.15	0.891	0.293	0.588	0.053	0.021	1.52	0.278	0.848	0.0908	25
26	1.74	0.320B	7.17	0.801	0.778	0.478	0.048	0.024	0.784	0.228	0.773	0.0858	26
27	5.29	0.280B	7.34	0.750	2.85	0.478	0.042	0.028	0.443	0.188	0.879	0.0808	27
28	3.66	0.230B	7.47	0.708	1.57	0.437	0.034	0.035	0.288	0.158	2.29	0.0788	28
29	2.28		8.97	0.854	0.888	0.338	0.028	0.038	0.195	0.140	4.82	0.0708	29
30	3.73		6.26	0.599	0.888	0.275	0.028	0.026	0.150	0.267	3.89	0.0858	30
31	5.58		3.90		0.749		0.025	0.018		0.288		0.1308	31
TOTAL	87.267	28.183	124.581	93.821	20.021	25.361	1.788	0.416	9.219	8.853	84.736	11.403	TOTAL
MEAN	2.82	0.835	4.02	3.13	0.646	0.846	0.058	0.013	0.307	0.182	2.18	0.368	MEAN
MAX	17.4	5.81	20.3	9.86	2.85	3.88	0.220	0.038	2.88	0.877	14.4	1.97	MAX
MIN	0.435	0.230	0.200	0.599	0.293	0.251	0.018	0.001	0.002	0.033	0.302	0.085	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.28
MAXIMUM DAILY, 20.3 ON MAR 19
MINIMUM DAILY, 0.001 ON AUG 10
MAXIMUM INSTANTANEOUS,
21.7 AT 21:10 EST ON MAR 19

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 54 21 N
LONG 82 07 12 W
DRAINAGE AREA, 287 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 540	JUL	154
FEB	2 260	AUG	35.8
MAR	10 800	SEP	797
APR	8 110	OCT	488
MAY	1 730	NOV	5 590
JUN	2 190	DEC	985

TOTAL DISCHARGE, 40 700 dam³

BEATTY SAUGEEN RIVER NEAR HOLSTEIN - STATION NO. 02FC017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4618	0.8508	0.1188	2.58	0.411	0.453	0.185	0.018	0.134	0.087	0.149	0.8308	1
2	0.437	1.13 B	0.1188	2.09	0.404	0.478	0.148	0.018	0.103	0.088	0.180	0.9788	2
3	0.4178	1.17 B	0.1148	2.10	0.382	0.420	0.138	0.017	0.081	0.070	0.228	0.8408	3
4	0.3848	0.8878	0.1088	2.32	0.358	0.488	0.118	0.080	0.068	0.084	0.194	0.8088	4
5	0.3588	0.3778	0.1028	2.31	0.403	0.397	0.108	0.084	0.053	0.082	0.203	0.490	5
6	0.3338	0.307	0.1228	2.12	0.518	0.311	0.110	0.088	0.048	0.057	0.287	0.444	6
7	0.3208	0.272	0.1598	1.80	0.500	0.257	0.107	0.049	0.047	0.082	0.322	0.428	7
8	0.7548	0.2638	0.1428	1.58	0.847	0.221	0.082	0.044	0.087	0.102	0.370	0.388	8
9	0.9848	0.2418	0.1178	1.30	0.852	0.220	0.093	0.038	0.193	0.108	0.401	0.3778	9
10	1.14 B	0.2198	0.1188	1.09	0.882	0.583	0.093	0.038	0.172	0.139	0.488	0.3688	10
11	0.9148	0.2078	0.1208	0.985	0.814	0.427	0.083	0.033	0.117	0.284	0.477	0.3428	11
12	0.8048	0.2128	0.1248	0.954	0.817	0.374	0.075	0.030	0.093	0.202	0.403	0.3198	12
13	0.6388	0.2218	0.1298	0.947	1.35	0.270	0.073	0.041	0.080	0.178	0.348	0.2868	13
14	0.7228	0.2308	0.2208	0.908	1.09	0.241	0.071	0.087	0.072	0.331	0.312	0.2648	14
15	0.8388	0.2348	1.16	1.17	0.888	0.243	0.070	0.071	0.071	1.12	0.513	0.2698	15
16	0.8528	0.2298	1.38	1.30	0.838	0.249	0.066	0.068	0.089	1.18	1.38	0.2808	16
17	0.4468	0.2178	1.08	1.38	0.500	0.284	0.068	0.049	0.101	0.823	1.35	0.2588	17
18	0.3808	0.2028	1.10 B	1.22	0.432	0.290	0.061	0.040	0.105	0.547	0.8028	0.2508	18
19	0.3608	0.1948	1.02 B	1.07	0.398	0.268	0.059	0.030	0.077	0.392	0.5978	0.2468	19
20	0.3308	0.1828	0.8308	0.888	0.423	0.487	0.053	0.030	0.083	0.350	1.05	0.2438	20
21	0.3008	0.1788	0.6008	0.721	0.972	0.404	0.046	0.040	0.057	0.323	1.38 B	0.2408	21
22	0.2738	0.1708	0.4808	0.602	0.788	0.484	0.043	0.037	0.112	0.314	1.05 B	0.2388	22
23	0.2758	0.1598	0.477	0.572	0.577	1.21	0.042	0.036	0.247	0.278	0.7618	0.2378	23
24	0.2778	0.1398	0.481	0.563	0.434	3.28	0.036	0.027	0.159	0.252	0.8138	0.2358	24
25	0.2788	0.1268	0.748	0.529	0.367	1.01	0.037	0.026	0.120	0.220	0.648	0.2408	25
26	0.318	0.1218	1.28	0.488	0.574	0.474	0.040	0.023	0.102	0.202	0.588	0.2378	26
27	0.383	0.1208	2.82	0.474	0.507	0.345	0.041	0.009	0.088	0.183	0.557	0.2368	27
28	0.382	0.1188	8.85	0.445	0.410	0.277	0.038	0.011	0.078	0.178	1.56	0.2328	28
29	0.365		10.4	0.421	0.351	0.213	0.034	0.030	0.078	0.172	0.8508	0.2308	29
30	0.401		5.71	0.418	0.388	0.188	0.031	0.182	0.087	0.148	0.7008	0.2508	30
31	0.548		3.88		0.404		0.025	0.128		0.148		0.4028	31
TOTAL	15.327	6.807	64.084	35.418	18.100	13.620	2.250	1.388	2.924	8.680	18.840	10.300	TOTAL
MEAN	0.494	0.315	1.42	1.18	0.584	0.481	0.073	0.045	0.097	0.280	0.618	0.332	MEAN
MAX	1.14	1.17	10.4	2.58	1.35	3.28	0.185	0.182	0.247	1.18	1.56	0.830	MAX
MIN	0.273	0.118	0.102	0.418	0.351	0.188	0.025	0.008	0.047	0.068	0.149	0.230	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.482
MAXIMUM DAILY, 10.4 ON MAR 29
MINIMUM DAILY, 0.008 ON AUG 27
MAXIMUM INSTANTANEOUS,
11.8 AT 00:28 EST ON MAR 29

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 05 32 N
LONG 80 44 40 W
DRAINAGE AREA, 80.1 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 320	JUL	194
FEB	761	AUG	120
MAR	3 810	SEP	383
APR	3 080	OCT	751
MAY	1 880	NOV	1 800
JUN	1 180	DEC	890

TOTAL DISCHARGE, 15 800 dam³

BEAVER CREEK NEAR MARMORA - STATION NO. 02HK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.278	3.298	1.848	25.0 B	8.85	9.11	4.85 E	0.717	0.260	0.478	1.69	11.8 B	1
2	4.108	3.088	1.898	21.7	7.20	8.43	4.26 E	0.683	0.249	0.470	1.80	8.188	2
3	3.888	2.978	1.888	21.4 B	8.37	9.32	3.86 E	0.611	0.253	0.442	2.07	8.088	3
4	3.828	2.818	1.838	23.8 B	9.25	9.53	3.73 E	0.575	0.284	0.414	2.22	7.808	4
5	3.688	2.708	1.788	28.8 B	10.4	9.32	3.48 E	0.542	0.274	0.398	2.25	7.088	5
6	3.568	2.598	1.768	30.8 B	12.0	8.88	3.24 E	0.520	0.283	0.408	2.51	6.888	6
7	3.058	2.518	1.758	31.8 B	13.8	8.05	5.80 E	0.507	0.244	0.380	2.85	6.388	7
8	7.808	2.448	1.728	31.1	15.4	3.90	5.27 E	0.500	0.228	0.387	3.35	6.028	8
9	8.708	2.378	1.688	28.8	17.4	3.24	4.74 E	0.478	0.210	0.381	4.45	5.708	9
10	8.768	2.338	1.668	27.1 B	18.4	8.23	4.42 E	0.445	0.203	0.367	5.83	8.488	10
11	4.858	2.278	1.648	25.1 B	21.2	8.10	3.86 E	0.418	0.197	0.382	7.27	5.188	11
12	4.308	2.228	1.628	23.5 B	21.6	8.67	3.67 E	0.385	0.193	0.362	7.83	4.908	12
13	3.788	2.178	1.598	21.8	22.5	8.30	3.36 E	0.369	0.184	0.332	7.71	4.708	13
14	3.488	2.148	1.828	20.8	22.8	8.84	2.86 E	0.345	0.183	0.329	7.48	4.488	14
15	3.138	2.218	2.348	19.8	21.8	8.26	2.67 E	0.324	0.203	0.347	8.48	4.278	15
16	2.948	2.188	4.888	19.3	20.8	8.35	2.44 E	0.307	0.204	0.403	11.0	4.088	16
17	2.848	2.188	4.468	18.7	19.3	8.44	2.23 E	0.288	0.222	0.381	10.3	3.938	17
18	2.778	2.138	3.738	18.3	18.1	8.83	2.04 E	0.277	0.218	0.411	21.2	3.778	18
19	2.728	2.118	3.168	17.4	16.8	8.77	1.87 E	0.324	0.217	1.00	21.8	3.858	19
20	2.688	2.108	2.888	17.0	15.5	8.87	1.88	0.488	0.218	3.17	22.4	3.618	20
21	2.648	2.088	2.788	16.1	14.1	10.2	1.55	0.458	0.214	5.73	22.8	3.388	21
22	2.618	2.108	2.708	15.4	12.1	13.1 E	1.44	0.401	0.244	7.13	20.0 B	3.268	22
23	2.588	2.128	2.628	13.9	10.2	11.6 E	1.37	0.388	0.802	7.11	18.2 B	3.178	23
24	2.578	2.118	2.548	11.6	8.17	10.4 E	1.27	0.328	0.899	8.85	18.7 B	3.058	24
25	2.588	2.088	2.518	9.86	8.44	9.26E	1.18	0.287	1.03	8.12	18.0	2.878	25
26	2.628	2.088	3.128	8.88	7.88	8.35E	1.11	0.276	0.908	8.54	15.3	2.878	26
27	2.778	2.038	4.408	7.88	7.88	7.30E	1.05	0.283	0.784	8.04	14.2 B	2.788	27
28	2.988	2.008	5.708	8.81	7.28	6.55E	0.977	0.235	0.685	6.83	16.7	2.738	28
29	2.788		14.3 B	8.87	8.87	5.70E	0.889	0.228	0.578	3.94	17.4 B	2.888	29
30	2.478		17.8 B	8.87	8.50	5.25E	0.835	0.234	0.524	2.74	18.1 B	2.848	30
31	3.068		22.5 B		8.18		0.784	0.208		2.08		2.858	31
TOTAL	112.01	85.41	138.01	574.80	417.87	238.50	82.535	12.380	10.882	97.931	332.58	148.01	TOTAL
MEAN	3.81	2.34	4.13	19.2	13.5	7.88	2.88	0.399	0.362	2.18	11.1	4.77	MEAN
MAX	7.60	3.29	22.5	31.8	22.8	13.1	5.80	0.717	1.03	7.13	22.8	11.8	MAX
MIN	2.58	2.00	1.59	8.87	8.18	3.24	0.784	0.208	0.193	0.329	1.69	2.84	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.00
MAXIMUM DAILY, 31.88 ON APR 7
MINIMUM DAILY, 0.193 ON SEP 14
MAXIMUM INSTANTANEOUS,
35.2 AT 13:09 EST ON APR 8

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 32 02 N
LONG 77 41 58 W
DRAINAGE AREA, 541 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 880	JUL	7 130
FEB	5 850	AUG	1 070
MAR	11 100	SEP	938
APR	48 800	OCT	8 870
MAY	38 100	NOV	28 700
JUN	20 400	DEC	12 800

TOTAL DISCHARGE, 189 000 dam³

BEAVER RIVER NEAR CLARKSBURG - STATION NO. 02FB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.82	10.9	11.0 B	28.8	8.36	7.87	4.38	2.18	2.38	5.88	3.71	8.808	1
2	9.858	10.8 B	10.8 B	24.4	8.35	7.47	4.07	2.22	2.53	5.45	2.82	7.888	2
3	9.428	10.2 B	8.408	22.0	8.35	7.52	3.82	2.28	2.33	5.24	3.05	8.398	3
4	8.018	10.0 B	7.298	21.3	7.87	8.48	3.70	2.48	2.21	4.72	2.97	8.808	4
5	7.82	9.358	8.31	20.2	7.70	8.61	3.38	2.88	2.10	4.42	2.82	8.408	5
6	8.08	8.808	7.86	18.4	8.13	8.18	3.22	2.88	3.08	4.07	3.07	8.408	6
7	8.87	8.278	7.478	17.3	8.47	7.72	3.08	2.88	3.78	4.08	3.30	8.108	7
8	20.0	7.208	7.888	16.3	13.7	7.37	3.07	2.88	3.85	4.02	3.31	8.908	8
9	14.8	8.878	8.88	15.8	13.6	7.83	3.07	2.35	4.22	3.87	3.28	8.808	9
10	14.2	7.538	8.77	15.1	11.7	15.5	3.04	3.17	4.81	3.87	3.68	8.808	10
11	13.0	8.088	8.05	14.1	10.4	14.3	2.88	2.17	4.88	4.28	3.59	8.408	11
12	13.7	8.228	8.01	13.8	10.1	12.8	2.72	2.05	4.82	3.87	3.49	8.208	12
13	13.7	8.28	8.16	13.9	10.8	10.8	2.88	1.98	4.80	3.68	3.38	8.008	13
14	12.5	8.85	8.38	13.7	17.2	9.87	2.74	2.84	4.81	3.38	3.27	4.828	14
15	13.0	8.77	38.3	13.6	18.4	8.03	2.87	2.75	4.82	4.14	3.48	4.308	15
16	11.2	8.338	22.3	13.2	14.0	8.45	2.88	2.88	4.88	4.12	8.31	4.408	16
17	10.8	7.208	16.4	13.0	12.7	7.66	2.87	3.28	5.78	3.72	8.81	4.808	17
18	10.8	8.818	10.2	12.7	11.7	8.77	2.44	3.84	7.08	3.82	8.27	4.308	18
19	10.8	7.648	11.1	12.1	10.8	8.32	1.88	3.48	8.38	3.78	4.87	3.828	19
20	10.3	7.738	10.8	11.8	10.5	7.78	2.30	3.47	8.20	3.63	8.78	3.848	20
21	8.128	7.808	8.72	11.2	10.7	8.85	3.88	3.53	8.80	3.88	7.11	3.808	21
22	8.808	8.358	8.86	10.7	8.81	8.13	3.84	3.78	8.88	4.07	8.188	3.548	22
23	10.0 B	7.958	8.43	10.3	8.87	8.88	2.80	3.84	10.2	4.08	8.078	3.518	23
24	8.808	8.678	8.83	8.87	8.51	7.87	2.53	2.74	10.0	3.37	8.018	3.418	24
25	8.51	8.408	18.3	8.70	8.84	7.08	2.40	2.28	8.27	3.81	8.088	3.708	25
26	10.4	8.408	24.8	8.47	8.88	8.48	2.40	2.08	8.27	3.88	8.10	3.808	26
27	10.4	10.4 B	38.8	8.18	8.34	8.83	2.47	1.88	7.35	3.81	8.73	3.478	27
28	10.4	10.8 B	61.5	8.80	8.47	8.34	2.82	1.84	8.70	3.54	18.2	3.888	28
29	11.4		81.8 E	8.78	8.37	8.01	2.38	2.05	8.24	3.88	12.2	3.818	29
30	12.2		47.5	8.82	7.82	4.87	2.38	2.17	8.80	3.82	10.8 B	3.878	30
31	18.3		38.8		7.83		2.18	2.18		3.80		4.038	31
TOTAL	369.40	248.11	543.88	427.80	338.27	248.71	87.11	80.87	172.84	117.88	188.48	180.78	TOTAL
MEAN	11.3	8.78	17.8	14.3	10.8	8.28	2.81	2.80	8.78	3.80	8.32	4.88	MEAN
MAX	20.0	18.8	81.8	28.8	18.8	18.8	4.38	3.78	10.2	8.88	18.2	8.80	MAX
MIN	7.82	8.87	7.28	8.82	7.70	4.87	1.88	1.84	2.10	2.84	2.71	3.41	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.88
MAXIMUM DAILY, 81.8E ON MAR 29
MINIMUM DAILY, 1.88 ON JUL 18

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 31 20 N
LONG 80 28 00 W
DRAINAGE AREA, 872 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1915

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	30 200	JUL	7 530
FEB	21 300	AUG	8 680
MAR	46 900	SEP	14 800
APR	37 000	OCT	10 300
MAY	28 100	NOV	13 800
JUN	21 800	DEC	13 000

TOTAL DISCHARGE, 282 000 dam³

BEAVERTON RIVER NEAR BEAVERTON - STATION NO. 02EC011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.80 B	5.00 B	0.4908	7.58	2.07	1.30	0.806	0.212	0.279	0.304	1.42	2.71 B	1
2	1.75 B	3.98 B	0.4888	8.46	2.32	1.22	0.714	0.238	0.462	0.333	1.40	2.40 B	2
3	1.83 B	2.85 B	0.4798	8.28	3.83	1.18	0.680	0.237	0.396	0.369	1.44	2.14 B	3
4	1.82 B	2.24 B	0.4708	7.77	3.80	1.22	0.604	0.280	0.367	0.395	1.39	1.92 B	4
5	1.38 B	1.96 B	0.4888	7.81	3.84	1.11	1.10	0.330	0.330	0.388	1.49	1.78 B	5
6	1.32 B	1.63 B	0.4808	8.37	5.40	0.839	1.45	0.318	0.322	0.418	1.73	1.81 B	6
7	1.26 B	1.34 B	0.4858	8.26	5.95	0.795	1.15	0.288	0.328	0.498	1.88	1.68 B	7
8	2.21 B	1.17 B	0.4518	8.58	7.78	0.884	0.838	0.278	0.311	0.521	2.17	1.38 B	8
9	2.37 B	1.04 B	0.4488	8.73	8.08	0.847	0.708	0.274	0.321	0.498	2.54	1.28 B	9
10	1.88 B	0.9488	0.4488	8.14	8.10	1.12	0.827	0.271	0.328	0.502	2.88	1.18 B	10
11	1.53 B	0.8858	0.4428	6.57	6.52	1.43	0.585	0.283	0.302	0.585	2.58	1.08 B	11
12	1.32 B	0.8058	0.4408	4.22	7.58	1.08	0.499	0.259	0.278	0.578	2.42	1.02 B	12
13	1.24 B	0.8858	0.4378	4.67	6.84	0.774	0.467	0.268	0.264	0.574	2.37	0.9858	13
14	1.14 B	1.00 B	0.8188	5.44	6.55	0.847	0.444	0.250	0.268	0.802	2.38	0.9218	14
15	1.08 B	0.8808	17.5 B	4.93	6.21	0.807	0.418	0.264	0.265	1.07	3.44	0.8848	15
16	1.02 B	0.7958	11.7 B	4.54	5.18	0.582	0.402	0.288	0.251	1.13	4.59	0.8108	16
17	0.9858	0.7558	6.45 B	4.25	4.27	0.650	0.378	0.260	0.255	1.12	4.54	0.7708	17
18	0.9708	0.7158	3.78 B	4.17	3.72	0.804	0.372	0.235	0.267	1.18	3.88	0.7408	18
19	1.06 B	0.8758	2.84 B	3.80	3.31	0.775	0.353	0.228	0.231	1.18	3.33	0.7008	19
20	1.18 B	0.8488	2.18 B	3.51	3.08	2.41	0.329	0.230	0.218	1.32	4.14	0.6658	20
21	1.01 B	0.8108	1.84 B	3.24	3.17	4.78	0.326	0.249	0.211	1.49	4.578	0.6308	21
22	0.9458	0.8858	1.82 B	2.90	2.77	4.25	0.311	0.238	0.220	1.50	4.478	0.6058	22
23	0.9058	0.8608	1.43 B	2.88	2.49	4.30	0.306	0.235	0.267	1.48	3.388	0.6858	23
24	0.8738	0.8428	1.28 B	2.70	2.38	3.18	0.288	0.227	0.281	1.42	2.788	0.6558	24
25	0.8508	0.8338	2.80 B	2.48	2.17	2.37	0.286	0.208	0.274	1.38	2.47	0.6358	25
26	0.8408	0.8238	11.2 B	2.38	2.03	1.88	0.288	0.200	0.275	1.30	2.49	0.6158	26
27	0.8708	0.8118	21.0 B	2.24	1.85	1.51	0.285	0.188	0.271	1.24	2.87	0.6058	27
28	1.08 B	0.8088	22.5 B	2.18	1.84	1.27	0.288	0.200	0.275	1.25	4.88	0.4908	28
29	1.24 B		23.5	2.08	1.48	1.08	0.287	0.188	0.280	1.14	3.888	0.4758	29
30	3.35 B		13.5	2.07	1.43	0.907	0.227	0.168	0.268	1.11	3.228	0.4658	30
31	8.05 B		8.85		1.42		0.216	0.181		1.08		0.8398	31
TOTAL	68.868	37.445	181.278	139.41	122.03	45.383	15.847	7.548	8.888	27.872	88.88	32.240	TOTAL
MEAN	1.51	1.34	5.20	4.85	3.94	1.51	0.511	0.243	0.280	0.889	2.88	1.04	MEAN
MAX	8.05	5.00	23.5	8.37	8.84	4.78	1.45	0.330	0.462	1.50	4.98	2.71	MAX
MIN	0.850	0.808	0.437	2.08	1.42	0.582	0.216	0.181	0.211	0.304	1.38	0.485	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.00
MAXIMUM DAILY, 23.5 ON MAR 28
MINIMUM DAILY, 0.181 ON AUG 31

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 23 49 N
LONG 79 04 18 W
DRAINAGE AREA, 282 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 050	JUL	1 370
FEB	3 240	AUG	882
MAR	13 900	SEP	782
APR	12 000	OCT	2 610
MAY	10 500	NOV	7 480
JUN	3 920	DEC	2 790

TOTAL DISCHARGE, 83 100 dam³

BERENS RIVER ABOVE BERENS LAKE - STATION NO. 05RC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.28	10.1 B	8.078	8.688	49.8	105	125	39.0	35.8	28.2	20.5	15.28	1
2	15.08	10.0 B	8.008	8.688	58.7	98.1	117	38.8	34.5	25.4	19.8	15.18	2
3	14.88	9.948	7.928	8.688	73.1	83.8	108	48.1	33.8	25.2	19.0	14.88	3
4	14.58	9.808	7.888	8.628	84.2	91.3	98.3	52.1	33.8	25.1	19.8	14.88	4
5	14.48	9.818	7.858	8.628	88.7	90.1	94.1	55.5	32.8	25.4	19.8	14.88	5
6	14.28	9.698	7.818	8.628	91.1	88.5	92.0	57.8	32.3	26.0	19.8	14.48	6
7	14.08	9.608	7.748	8.598	102	85.0	89.9	58.6	32.4	26.8	20.0	14.28	7
8	12.78	9.528	7.688	8.598	114	80.9	88.6	55.8	32.3	27.3	20.1	14.18	8
9	13.58	9.448	7.638	8.598	121	77.6	87.0	54.1	32.4	27.5	20.1	13.88	9
10	13.38	9.358	7.588	8.598	127	73.8	85.3	52.2	33.4	27.7	20.0	13.89	10
11	13.18	9.278	7.528	8.558	131	89.8	84.5	50.6	34.4	28.0	20.1	13.88	11
12	12.98	9.188	7.418	8.588	133	71.0	81.7	48.5	34.2	27.8	20.0	13.58	12
13	12.78	9.108	7.378	8.558	133	82.0	78.4	46.6	33.7	27.1	20.1	13.48	13
14	12.48	9.038	7.338	8.558	131	80.1	74.6	44.6	33.0	27.0	20.1	13.38	14
15	12.28	8.998	7.308	8.538	128	82.0	71.7	43.1	32.4	26.8	19.8	13.28	15
16	12.18	8.958	7.288	8.528	124	80.4	68.7	41.7	31.8	25.8	19.2	13.08	16
17	11.88	8.848	7.238	8.528	120	88.3	67.1	40.1	30.8	25.4	19.0	13.08	17
18	11.88	8.778	7.188	8.528	118	81.0	67.1	38.0	30.6	25.0	18.88	12.88	18
19	11.78	8.738	7.188	8.558	112	78.0	66.8	38.3	29.6	24.8	18.18	12.78	19
20	11.68	8.688	7.068	8.668	107	72.0	65.1	41.3	28.9	24.4	17.88	12.68	20
21	11.38	8.628	8.988	8.668	102	73.0	63.2	42.7	28.2	23.9	17.68	12.58	21
22	11.28	8.558	8.888	7.268	97.2	88.8	60.8	43.0	28.6	23.8	17.38	12.48	22
23	11.18	8.478	8.828	8.478	91.8	117	57.7	42.1	27.8	23.4	17.08	12.48	23
24	10.88	8.448	8.828		87.3	122	54.7	40.8	27.8	23.0	16.68	12.38	24
25	10.68	8.388	8.888	11.4	88.8	121	53.0	39.8	27.8	23.1	16.88	12.28	25
26	10.78	8.288	8.888	14.2	90.8	120	50.5	38.8	27.7	22.8	16.38	12.28	26
27	10.78	8.258	8.828	20.2	110	119	47.1	37.3	27.8	22.8	16.18	12.18	27
28	10.88	8.148	8.788	28.7	119	127	44.7	36.1	27.5	22.3	15.88	12.08	28
29	10.48		8.768	30.9	121	137	44.7	35.2	26.7	21.8	15.78	11.88	29
30	10.38		8.728	38.3	118	138	42.8	35.2	26.8	21.3	15.58	11.88	30
31	10.28		8.888	44.7	116	131	41.5	34.1		21.8		11.88	31
					111		39.8	38.3		21.0			
TOTAL	383.8	253.88	226.27	340.74	3 310.7	2 878.8	2 288.1	1 373.8	930.4	773.4	555.7	408.8	TOTAL
MEAN	12.4	9.07	7.30	11.4	107	95.9	73.2	44.3	31.0	24.8	18.5	13.2	MEAN
MAX	15.2	10.1	8.07	44.7	133	137	125	57.8	35.8	28.8	20.5	15.2	MAX
MIN	10.2	8.14	8.88	8.52	49.8	88.8	39.8	38.1	28.8	21.8	15.5	11.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 37.5
MAXIMUM DAILY, 137 ON JUN 28
MINIMUM DAILY, 8.528 ON APR 18
MAXIMUM INSTANTANEOUS,
138 AT 18:50 CST ON JUN 28

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 48 45 N
LONG 93 31 00 W
DRAINAGE AREA, 8 730 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	33 100	JUL	198 000
FEB	21 800	AUG	118 000
MAR	18 500	SEP	80 400
APR	28 400	OCT	88 800
MAY	285 000	NOV	48 000
JUN	249 000	DEC	35 400

TOTAL DISCHARGE, 1 180 000 dam³

BERRY CREEK AT THE OUTLET OF BERRY LAKE - STATION NO. 05PD026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.660	0.637E	0.505	1.30 E	10.8	8.12	14.0	2.70	2.45	0.237E	0.018	0.018	1
2	0.658	0.637E	0.488	1.31 E	12.6	8.33	13.6	2.67	2.24	0.212E	0.017	0.018	2
3	0.640	0.637E	0.504	1.28 A	13.4	7.97	13.1	4.57	2.08	0.194E	0.017	0.018	3
4	0.624	0.637E	0.458	1.24	13.0	7.60	12.7	5.44	1.92	0.175E	0.017	0.017	4
5	0.660	0.637E	0.438	1.19	13.3	7.28	13.1	6.41	1.82	0.167E	0.017	0.017	5
6	0.648	0.637E	0.452	1.16	12.8	7.19	13.8	5.88	1.28	0.163E	0.017	0.017	6
7	0.857	0.630E	0.418	1.12	12.7	8.81	14.2	5.58	0.883	0.130E	0.018	0.017	7
8	0.800	0.630E	0.824	1.09	12.7	8.84	14.5	5.23	0.843	0.118E	0.018	0.017	8
9	0.732	0.630E	0.582	1.07	12.8	8.73	14.8	4.92	0.888E	0.108E	0.018	0.017	9
10	0.683	0.630E	0.533	1.03	12.4	8.77	14.4	4.80	0.868E	0.100E	0.017	0.018	10
11	0.733	0.630E	0.532	1.01	12.2	8.73	14.0	4.38	0.808E	0.094E	0.017	0.017	11
12	0.717	0.630E	0.528	0.986	12.1	10.5	13.8	4.10	0.774E	0.088E	0.017	0.014	12
13	0.686	0.630E	0.554	0.986	11.8	12.7	13.0	4.29	0.738E	0.082E	0.017	0.015	13
14	0.667E	0.630E	0.548	1.01	11.4	13.7	12.5	3.85	0.705E	0.078E	0.017	0.014	14
15	0.660E	0.630E	0.525	1.02	11.0	15.6	11.9	3.58	0.678E	0.073E	0.017	0.014	15
16	0.680E	0.630E	0.522	1.07	10.6	16.2	11.3	3.33	0.645E	0.087E	0.017	0.018	16
17	0.852E	0.630E	0.508	1.10	10.3	16.5	10.8	3.07	0.615E	0.082E	0.017	0.015	17
18	0.852E	0.622E	0.492	1.13	10.0	16.1	10.4	3.45	0.585E	0.059E	0.017	0.015	18
19	0.852E	0.622E	0.482	1.21	10.0	14.8	9.87	4.15	0.555E	0.054E	0.017	0.015	19
20	0.852E	0.622E	0.476	1.32	10.0	13.8	9.47	4.17	0.528E	0.050E	0.015	0.015	20
21	0.845E	0.622E	0.467	1.46	9.85	13.8	9.11	3.88	0.502E	0.047E	0.015	0.015	21
22	0.845E	0.615E	0.476	1.67	9.61	13.9	8.78	4.00	0.472E	0.044E	0.014	0.016	22
23	0.845E	0.615E	0.516	2.01	9.26	13.6	8.53	3.90	0.442E	0.041E	0.015	0.018	23
24	0.845E	0.607E	0.512	2.58	8.96	13.1	4.83	3.70	0.412E	0.038E	0.018	0.016	24
25	0.845E	0.600E	0.517E	4.41	9.22	13.4	1.31	3.49	0.382E	0.038E	0.018	0.015	25
26	0.845E	0.585E	0.570E	8.19	9.40	13.4	1.78	3.44	0.352E	0.032E	0.018	0.014	26
27	0.845E	0.570A	0.575E	7.25	9.06	13.4	2.01	3.26	0.322E	0.029E	0.018	0.014	27
28	0.837E	0.615	0.614E	8.47	9.18	12.9	2.08	3.11	0.300E	0.026E	0.016	0.013	28
29	0.837E		0.890E	9.49	8.89	13.1	2.37	3.01	0.275E	0.024E	0.018	0.013	29
30	0.837E		1.15 E	10.3	8.67	14.0	2.78	2.82	0.268E	0.023E	0.016	0.013	30
31	0.837E		1.26 E		8.48		2.78	2.88		0.020		0.013	31
TOTAL	20.365	17.347	17.882	78.464	336.38	351.85	301.37	123.79	25.743	2.839	0.499	0.474	TOTAL
MEAN	0.657	0.620	0.580	2.65	10.8	11.7	9.72	3.99	0.858	0.085	0.017	0.015	MEAN
MAX	0.800	0.637	1.26	10.3	13.4	16.2	14.8	6.41	2.45	0.237	0.018	0.018	MAX
MIN	0.548	0.515	0.418	0.986	8.48	7.19	1.31	2.68	0.268	0.020	0.014	0.013	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.48
MAXIMUM DAILY, 16.2 ON JUN 16
MINIMUM DAILY, 0.013 ON DEC 26
MAXIMUM INSTANTANEOUS,
16.8 AT 09:26 CST ON JUN 15

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 26 30 N
LONG 93 58 00 W
DRAINAGE AREA, 748 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1976

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 780	JUL	25 000
FEB	1 600	AUG	10 700
MAR	1 550	SEP	2 220
APR	4 810	OCT	328
MAY	29 100	NOV	43.1
JUN	30 400	DEC	41.0

TOTAL DISCHARGE, 110 000 dam³

REMARKS - STATION MOVED BELOW CONTROL DAM 1981. DOWNSTREAM CONTROL ALTERED BY BRIDGE CONSTRUCTION 1984.

BIG CARP RIVER NEAR SAULT STE. MARIE - STATION NO. 02EF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3558	0.3408	0.2528	5.688	1.89	0.547	0.089	0.020	0.131	0.058	0.343	0.2218	1
2	0.3458	0.3348	0.2508	5.308	1.41	0.541	0.078	0.021	0.088	0.068	0.280	0.2138	2
3	0.3408	0.3308	0.2488	5.208	1.18	0.494	0.071	0.033	0.087	0.084	0.217	0.2068	3
4	0.3388	0.3238	0.2458	5.028	1.00	0.402	0.068	0.089	0.050	0.084	0.189	0.2008	4
5	0.3288	0.3188	0.2408	4.988	0.949	0.338	0.081	0.055	0.047	0.074	0.277	0.1958	5
6	0.3208	0.3128	0.2388	4.838	0.841	0.305	0.087	0.088	0.041	0.220	0.868	0.1888	6
7	0.3248	0.3078	0.2338	4.658	0.810	0.278	0.054	0.061	0.038	0.147	0.579	0.1848	7
8	0.3248	0.3028	0.2328	4.338	0.717	0.303	0.061	0.048	0.061	0.112	0.488	0.1788	8
9	0.3108	0.2888	0.2308	3.758	0.622	0.546	0.048	0.038	0.082	0.092	0.578	0.1748	9
10	0.4958	0.2928	0.2288	3.898	0.588	0.472	0.044	0.028	0.084	0.085	0.881	0.1708	10
11	0.4888	0.2898	0.2258	3.388	0.503	0.384	0.041	0.025	0.083	0.082	0.704	0.1688	11
12	0.4768	0.2838	0.2228	1.898	0.447	0.290	0.038	0.024	0.058	0.085	0.633	0.1638	12
13	0.4858	0.2808	0.2208	2.448	0.432	0.273	0.033	0.025	0.048	0.088	0.517	0.1568	13
14	0.4678	0.2768	0.2188	2.880	0.404	0.258	0.030	0.025	0.043	0.080	0.488	0.1548	14
15	0.4488	0.2728	0.2168	3.888	0.378	0.348	0.027	0.026	0.040	0.077	0.428	0.1528	15
16	0.4388	0.2688	0.2148	4.22	0.351	0.482	0.027	0.030	0.038	0.080	0.4028	0.1488	16
17	0.4228	0.2658	0.2128	5.49	0.324	0.594	0.027	0.027	0.033	0.078	0.3888	0.1468	17
18	0.4208	0.2628	0.2118	4.73	0.298	0.662	0.026	0.024	0.031	0.082	0.3688	0.1438	18
19	0.4078	0.2608	0.2088	4.17	0.283	0.410	0.026	0.024	0.030	0.087	0.3508	0.1408	19
20	0.4028	0.2548	0.2068	4.00	0.387	0.312	0.024	0.028	0.028	0.093	0.3348	0.1388	20
21	0.3888	0.2538	0.2058	4.04	1.10	0.283	0.021	0.027	0.032	0.148	0.3228	0.1388	21
22	0.3928	0.2538	0.2058	4.12	0.888	0.221	0.020	0.054	0.041	0.155	0.3088	0.1348	22
23	0.3868	0.2558	0.2058	3.88	0.624	0.236	0.019	0.084	0.083	0.124	0.2968	0.1328	23
24	0.3768	0.2558	0.2088	3.44	0.483	0.245	0.018	0.050	0.087	0.109	0.2838	0.1288	24
25	0.3708	0.2568	0.2108	3.87	0.972	0.201	0.018	0.037	0.088	0.094	0.2728	0.1278	25
26	0.3658	0.2588	0.2178	4.58	0.910	0.188	0.020	0.030	0.088	0.100	0.2928	0.1288	26
27	0.3628	0.2568	0.2508	4.08	0.847	0.188	0.024	0.030	0.081	0.089	0.2528	0.1248	27
28	0.3608	0.2568	0.8208	3.18	0.611	0.170	0.023	0.037	0.061	0.092	0.2438	0.1238	28
29	0.3588		4.00 B	2.28	0.436	0.118	0.020	0.041	0.081	0.114	0.2368	0.1228	29
30	0.3538		7.20 B	1.81	0.388	0.102	0.018	0.044	0.085	0.133	0.2328	0.1208	30
31	0.3628		8.30 B		0.482		0.018	0.084		0.252		0.1988	31
TOTAL	13.789	7.900	26.370	117.88	21.108	10.001	1.141	1.181	1.885	3.248	11.884	4.814	TOTAL
MEAN	0.444	0.282	0.788	3.83	0.681	0.333	0.037	0.037	0.088	0.105	0.385	0.158	MEAN
MAX	0.555	0.340	7.20	5.58	1.89	0.594	0.089	0.088	0.131	0.252	0.704	0.221	MAX
MIN	0.352	0.253	0.205	1.81	0.253	0.102	0.018	0.020	0.028	0.058	0.188	0.120	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.588
MAXIMUM DAILY, 7.208 ON MAR 30
MINIMUM DAILY, 0.018 ON JUL 25

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 31 02 N
LONG 84 37 52 W
DRAINAGE AREA, 51.5 km²

B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 190	JUL	88.8
FEB	883	AUG	88.4
MAR	2 110	SEP	143
APR	10 200	OCT	281
MAY	1 820	NOV	988
JUN	884	DEC	425

TOTAL DISCHARGE, 18 800 dam³

BIG CREEK NEAR DELHI - STATION NO. 02EC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.10	5.67	1.83	5.38	3.38	3.00	2.98	1.03	1.33	1.29	1.78	3.87	1
2	6.78	5.84	1.908	7.40	3.40	4.00	2.72	0.974	1.67	1.31	1.86	3.86	2
3	6.12	4.89	1.888	7.32	3.36	3.86	2.53	0.974	1.30	1.35	1.77	3.42	3
4	4.838	4.388	1.91	8.37	3.24	3.68	2.53	1.10	1.21	1.29	1.72	3.238	4
5	4.858	3.808	2.83	9.18	3.23	3.81	2.42	1.23	1.16	1.28	1.71	3.068	5
6	4.528	3.508	2.33	8.47	3.40	3.28	2.29	1.08	1.21	1.27	1.84	3.01	6
7	4.408	3.128	2.188	7.87	3.37	3.03	2.18	1.02	1.31	1.32	1.87	2.90	7
8	4.638	2.888	2.038	6.78	3.48	2.80	2.02	0.954	1.26	1.23	2.26	2.798	8
9	4.958	2.708	1.888	6.93	3.40	2.84	1.84	0.831	1.19	1.28	2.82	2.708	9
10	5.208	2.548	1.808	6.38	3.32	2.77	1.78	0.780	1.17	1.87	2.83	2.838	10
11	5.48	2.428	2.13	5.00	3.38	2.87	1.80	0.712	1.18	1.77	2.80	2.81	11
12	5.44	2.348	2.88	4.82	3.54	2.82	1.28	0.778	1.15	1.80	2.81	2.87	12
13	4.91	2.288	3.21	5.04	3.80	2.84	1.02	0.814	1.08	1.42	2.84	2.488	13
14	4.31	2.97	3.14	5.11	3.88	2.87	0.978	1.03	1.23	1.38	2.83	2.418	14
15	4.27	2.85	3.33	5.48	3.89	2.58	0.911	1.03	1.38	1.38	3.74	2.388	15
16	3.84	2.80	3.36	5.88	3.45	2.88	0.873	1.28	1.32	1.33	8.08	2.288	16
17	3.61	2.808	3.84	5.81	3.28	2.88	0.827	1.20	1.85	1.40	8.80	2.248	17
18	3.48	2.588	4.78	5.28	3.12	2.81	0.817	1.18	1.34	1.48	8.42	2.198	18
19	3.44	2.378	5.00	5.80	3.00	2.81	0.721	1.14	1.28	1.48	7.17	2.148	19
20	3.49	2.17	5.18	5.72	2.89	2.47	1.10	1.15	1.22	1.88	6.88	2.108	20
21	3.188	2.40	7.18	5.32	3.07	2.51	1.42	1.28	1.21	2.42	5.83	2.088	21
22	3.148	2.80	8.24	4.73	3.11	3.78	1.30	1.33	1.74	2.35	4.83	2.028	22
23	3.10	2.308	8.26	4.38	3.07	3.61	1.31	1.38	2.58	2.18	4.44	1.988	23
24	2.87	2.258	8.01	4.08	3.02	3.33	1.08	1.28	1.78	2.15	4.08	1.958	24
25	2.88	2.208	8.70	3.84	2.89	4.08	0.881	1.18	1.58	2.13	3.73	1.938	25
26	4.38	2.188	8.88	3.78	3.30	8.83	0.859	1.14	1.48	2.03	3.80	1.918	26
27	4.80	2.08	7.18	3.78	3.17	8.45	1.08	1.08	1.40	1.88	3.84	1.888	27
28	4.80	1.98	7.74	3.87	3.13	4.85	1.25	1.04	1.37	1.90	3.83	1.878	28
29	4.88		8.10	3.55	3.01	3.84	1.13	1.19	1.34	1.84	3.97	1.868	29
30	4.80		8.88	3.45	2.85	3.31	1.18	1.11	1.30	1.81	3.88	1.858	30
31	5.17		9.48		3.00		1.14	1.04		1.80		3.058	31
TOTAL	137.78	82.80	134.80	171.28	100.89	100.77	48.205	33.217	41.25	50.78	109.83	77.16	TOTAL
MEAN	4.44	2.96	4.34	5.71	3.28	3.36	1.49	1.07	1.38	1.64	3.66	2.49	MEAN
MAX	7.10	5.67	9.48	9.47	3.88	8.83	2.98	1.38	2.58	2.42	7.17	3.87	MAX
MIN	2.85	1.98	1.80	3.45	2.85	2.47	0.721	0.712	1.08	1.23	1.71	1.86	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.98
MAXIMUM DAILY, 9.47 ON APR 6
MINIMUM DAILY, 0.712 ON AUG 11
MAXIMUM INSTANTANEOUS,
9.68 AT 10:38 EST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 50 15 N
LONG 80 30 36 W
DRAINAGE AREA, 363 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 800	JUL	3 980
FEB	7 180	AUG	2 870
MAR	11 600	SEP	3 580
APR	14 800	OCT	4 350
MAY	8 730	NOV	9 490
JUN	8 710	DEC	8 670

TOTAL DISCHARGE, 93 800 dam³

BIG CREEK NEAR WALSINGHAM - STATION NO. 02EC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.7	7.37	2.568	12.5	5.78	5.34	4.88	2.11	2.87	2.88	3.15	5.38	1
2	8.48	7.84	2.428	10.9	5.84	5.84	4.38	1.88	2.88	2.78	3.11	5.38	2
3	7.38	7.24	2.308	10.8	5.82	5.38	4.13	1.85	2.84	2.88	3.21	5.00	3
4	6.38	5.84	2.808	13.2	5.58	5.88	4.02	2.34	2.40	2.88	3.01	4.27	4
5	5.408	5.258	8.24	13.8	5.55	5.88	4.08	2.05	2.30	2.59	2.88	4.158	5
6	4.908	4.808	5.72	13.4	5.88	5.42	3.88	2.28	2.28	2.58	2.88	4.008	6
7	5.158	4.438	4.208	12.8	5.87	5.07	3.71	2.06	2.34	2.58	3.07	3.908	7
8	5.488	4.108	3.408	11.1	5.85	4.78	3.50	2.02	2.44	2.50	3.37	3.758	8
9	8.158	3.838	2.898	9.82	5.78	4.61	3.34	1.97	2.38	2.53	3.84	3.608	9
10	8.61	3.588	2.888	8.87	5.87	4.82	3.30	1.78	2.32	2.85	4.12	3.468	10
11	7.83	3.378	3.808	8.28	5.78	4.61	3.11	1.71	2.28	3.84	4.80	3.338	11
12	8.02	3.208	4.82	7.82	5.82	4.27	2.80	1.88	2.27	3.31	4.24	3.238	12
13	7.82	3.118	4.88	8.11	5.87	4.55E	2.48	1.88	2.23	2.88	3.84	3.148	13
14	8.31	4.308	5.04	8.21	5.88	4.51	2.13	1.87	2.28	2.88	3.82	3.058	14
15	8.38	8.808	5.38	8.40	5.80	4.44	2.03	1.84	2.88	2.80	8.28	2.978	15
16	5.808	4.558	5.34	8.81	5.88	4.87	1.88	2.04	2.80	2.78	8.88	2.888	16
17	5.408	3.888	5.28	8.88	5.42	4.81	1.87	2.18	3.32	2.77	8.92	2.818	17
18	5.058	3.428	8.70	9.38	5.17	8.00	1.87	2.03	3.14	2.88	7.88	2.758	18
19	4.758	3.288	7.02	8.41	8.00	4.88	1.72	2.02	2.82	3.04	7.78	2.708	19
20	4.558	3.728	8.82	8.83	4.92	4.38	2.18	2.03	2.52	3.82	8.38	2.888	20
21	4.358	4.388	7.42	8.80	5.00	4.32	2.88	2.18	2.48	4.74	8.18	2.828	21
22	4.188	4.88	8.88	7.83	4.93	7.18	2.67	2.21	2.71	5.07	7.08	2.888	22
23	3.998	4.408	7.52	7.23	4.83	8.88	2.53	2.40	8.20	4.28	8.13	2.538	23
24	4.488	3.708	7.04	8.78	5.07	8.74	2.38	2.27	4.10	4.08	8.85	2.488	24
25	5.07	3.488	7.10	8.48	4.91	8.38	2.13	2.18	3.27	3.92	8.30	2.438	25
26	8.88	3.188	8.12	8.38	5.47	8.43	2.01	2.08	3.07	3.71	8.22	2.388	26
27	7.28	2.988	8.88	8.38	5.40	4.03	2.04	2.02	2.84	3.88	8.13	2.388	27
28	8.88	2.788	9.73	8.22	5.02	7.20	2.18	1.88	2.78	3.42	8.80	2.338	28
29	8.84		10.8	8.03	4.91	8.81	2.18	2.38	2.84	3.32	8.80	2.318	29
30	7.10		11.0	8.81	5.08	8.10	2.13	2.42	2.88	3.28	8.54	2.308	30
31	7.08		12.3		5.88		2.18	2.18		3.20		4.808	31
TOTAL	181.88	122.30	188.71	270.85	158.07	152.48	88.32	83.43	83.88	100.01	158.81	101.38	TOTAL
MEAN	6.18	4.38	8.09	9.03	5.48	5.42	2.78	2.88	2.78	3.23	5.20	3.27	MEAN
MAX	10.7	7.84	12.3	13.8	5.87	8.83	4.88	2.42	8.20	5.07	8.82	5.38	MAX
MIN	3.88	2.78	2.30	8.81	4.91	4.27	1.72	1.88	2.23	2.83	2.88	2.30	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.85
MAXIMUM DAILY, 13.8 ON APR 5
MINIMUM DAILY, 1.88 ON AUG 13
MAXIMUM INSTANTANEOUS,
14.8 AT 23:52 EST ON APR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 41 05 N
LONG 80 32 18 W
DRAINAGE AREA, 891 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 800	JUL	7 480
FEB	10 800	AUG	5 480
MAR	18 300	SEP	7 230
APR	23 400	OCT	8 840
MAY	14 800	NOV	13 800
JUN	14 000	DEC	8 780

TOTAL DISCHARGE, 147 000 dam³

BIG OTTER CREEK ABOVE OTTERVILLE - STATION NO. 02EC017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.26	1.77	0.377A	2.42	0.814	0.888	0.308	0.174	0.200	0.140	0.312	0.801	1
2	1.05	1.76 A	0.383	1.90	0.806	0.784	0.284	0.174	0.280	0.125	0.294	0.681	2
3	0.874	1.20 E	0.388	2.30	0.590	0.842	0.267	0.188	0.222	0.132	0.238	0.619	3
4	0.738	0.850E	0.367	4.30	0.545	0.882	0.280	0.178	0.208	0.150	0.252	0.557	4
5	0.898	0.740E	0.445	4.14	0.553	0.783	0.285	0.174	0.193	0.140	0.283	0.520	5
6	0.858	0.680E	0.483	2.78	0.598	0.840	0.284	0.188	0.188	0.138	0.328	0.500	6
7	0.823	0.590E	0.423	2.20	0.594	0.850	0.238	0.177	0.188	0.138	0.388	0.473	7
8	1.59	0.550E	0.372	1.78	0.594	0.488	0.225	0.167	0.184	0.144	0.371	0.443	8
9	2.88	0.520E	0.380	1.54	0.577	0.493	0.208	0.158	0.174	0.150	0.822	0.410A	9
10	1.85	0.500E	0.804	1.37	0.585	0.481	0.187	0.143	0.162	0.188	0.818	0.407E	10
11	1.05	0.470E	1.05	1.30	0.577	0.461	0.180	0.133	0.162	0.271	0.720	0.401E	11
12	0.886	0.440E	1.11	1.30	0.708	0.405	0.124	0.127	0.157	0.218	0.588	0.394A	12
13	1.23	0.450E	0.786	1.82	0.824	0.419	0.088	0.208	0.131	0.212	0.510	0.387A	13
14	0.830	0.820E	0.859	1.85	0.775	0.419	0.088	0.298	0.141	0.184	0.480	0.370A	14
15	0.729	0.790E	0.819	1.70	0.887	0.412	0.108	0.218	0.178	0.184	1.23	0.363	15
16	0.831	0.720E	1.13	1.98	0.828	0.408	0.108	0.208	0.178	0.188	3.77	0.348	16
17	0.591	0.820E	0.788	1.58	0.674	0.412	0.090	0.208	0.192	0.187	4.35	0.347	17
18	0.582	0.830E	1.84	2.13	0.548	0.434	0.081	0.193	0.214	0.185	2.32	0.338	18
19	0.613	0.470E	3.98	1.88	0.518	0.419	0.090	0.185	0.182	0.182	1.58	0.333	19
20	0.840	0.410E	2.78	1.53	0.543	0.423	0.141	0.181	0.178	0.278	1.35	0.331	20
21	0.845	0.610E	1.88	1.28	0.553	0.424	0.187	0.242	0.188	0.420	1.45	0.324	21
22	0.821	0.620E	1.28	1.10	0.646	0.733	0.121	0.241	0.188	0.872	1.18	0.318	22
23	0.493	0.584A	1.43	0.957	0.581	1.12	0.148	0.218	0.255	0.858	0.938	0.307	23
24	0.518	0.470E	2.70	0.831	0.575	0.744	0.123	0.208	0.215	0.428	0.784	0.301	24
25	0.841	0.430E	2.88	0.770	0.558	0.631	0.137	0.188	0.188	0.348	0.678	0.297	25
26	1.14	0.410E	3.03	0.788	0.730	0.592	0.348	0.178	0.182	0.295	0.858	0.283	26
27	2.01	0.395E	2.80	0.778	0.840	0.482	0.335	0.173	0.183	0.262	0.888	0.288	27
28	1.10	0.382E	3.15	0.732	0.834	0.486	0.426	0.172	0.182	0.263	1.11	0.282	28
29	0.825		4.38	0.870	0.526	0.387	0.285	0.178	0.131	0.287	1.48	0.287	29
30	1.52		3.81	0.884	0.529	0.338	0.210	0.181	0.139	0.258	1.04	0.289	30
31	1.71		2.85		0.558		0.199	0.188		0.286		0.339	31
TOTAL	30.926	18.481	48.839	50.058	19.046	18.728	8.048	5.799	5.351	7.483	31.237	12.370	TOTAL
MEAN	0.998	0.660	1.57	1.67	0.614	0.858	0.195	0.187	0.178	0.242	1.04	0.399	MEAN
MAX	2.88	1.77	4.38	4.30	0.840	1.12	0.426	0.298	0.280	0.872	4.35	0.801	MAX
MIN	0.493	0.382	0.355	0.884	0.518	0.338	0.081	0.127	0.131	0.125	0.238	0.289	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.891
MAXIMUM DAILY, 4.38 ON MAR 29
MINIMUM DAILY, 0.081 ON JUL 18
MAXIMUM INSTANTANEOUS,
4.98 AT 02:54 EST ON NOV 17

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 57 55 N
LONG 80 33 35 W
DRAINAGE AREA, 83.3 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 670	JUL	823
FEB	1 600	AUG	501
MAR	4 200	SEP	462
APR	4 330	OCT	647
MAY	1 650	NOV	2 700
JUN	1 620	DEC	1 070

TOTAL DISCHARGE, 21 800 dam³

BIG OTTER CREEK AT TILLSONBURG - STATION NO. 02EC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.48	5.82	1.408	5.70	2.10	1.88	1.30	0.878	1.11	0.716	1.02	2.86	1
2	3.72	5.56	1.388	5.77	2.06	2.84	1.24	0.813	1.11	0.618	1.06	2.37	2
3	3.17	3.76	1.35	5.37	2.01	2.80	1.17	0.888	0.842	0.761	1.04	2.288	3
4	3.028	3.058	1.43	15.4	1.92	2.80	1.28	0.691	0.784	0.753	0.988	2.198	4
5	2.808	2.768	2.02	14.8	2.02	2.86	1.18	0.678	0.738	0.788	0.848	2.08	5
6	2.708	2.508	1.878	10.4	1.98	2.28	1.18	0.883	0.787	0.787	1.18	1.78	6
7	2.60	2.208	1.728	7.88	2.00	1.98	1.12	0.828	0.804	0.763	1.37	1.788	7
8	5.49	2.048	1.618	6.04	2.07	1.78	0.994	0.833	0.815	0.785	1.83	1.708	8
9	7.42	1.928	1.50	5.05	2.04	1.88	0.843	0.858	0.777	0.780	1.91	1.688	9
10	4.608	1.848	1.77	4.45	1.89	1.84	0.837	0.800	0.744	1.21	2.12	1.808	10
11	4.178	1.78	2.48	4.11	2.02	1.88	0.780	0.708	0.784	1.29	2.04	1.87	11
12	3.73	1.83	3.08	4.11	2.18	1.87	0.681	0.315	0.731	1.06	1.78	1.818	12
13	3.88	1.88	2.70	4.71	2.31	1.83	0.403	0.327	0.710	0.883	1.82	1.488	13
14	3.308	2.29	2.29	5.21	2.34	1.88	0.328	0.973	0.819	0.885	1.88	1.418	14
15	2.83	2.82	2.88	5.78	2.23	1.88	0.248	0.878	0.823	0.913	3.67	1.368	15
16	2.43	2.68	2.86	6.78	2.07	1.84	0.188	0.888	0.888	0.922	11.9	1.358	16
17	2.17	2.308	2.58	6.81	1.83	1.83	0.317	0.778	1.11	0.898	13.1	1.338	17
18	2.15	1.978	5.13	6.97	1.62	1.81	0.337	0.888	0.974	0.922	8.33	1.318	18
19	2.30	1.738	9.00	6.90	1.72	1.83	0.288	0.884	0.880	0.878	4.88	1.308	19
20	2.38	1.608	8.84	6.37	1.78	1.70	0.823	0.897	0.882	1.23	4.04	1.288	20
21	2.208	1.88	8.078	4.33	1.78	1.72	0.493	0.784	0.778	1.86	4.03	1.278	21
22	2.09	2.238	4.258	3.81	1.64	2.48	0.742	0.783	0.883	1.72	3.62	1.288	22
23	1.97	2.008	4.48	3.15	1.67	3.58	0.830	0.442	1.07	1.88	2.81	1.288	23
24	1.88	1.888	5.84	2.66	1.85	3.38	0.882	0.782	0.951	1.82	2.45	1.248	24
25	1.98	1.898	8.27	2.83	1.84	2.48	0.832	0.748	0.908	1.43	2.20	1.238	25
26	3.88	1.808	9.22	2.83	2.30	2.08	0.882	0.878	0.825	1.35	2.12	1.228	26
27	5.86	1.48	8.70	2.83	2.35	1.87	0.820	0.848	0.778	1.17	2.18	1.218	27
28	3.97	1.43	8.87	2.42	2.14	1.71	1.08	0.888	0.783	1.08	2.88	1.208	28
29	3.20		13.8	2.27	1.80	1.88	1.08	0.810	0.747	1.08	4.14	1.188	29
30	4.47		12.4	2.18	2.01	1.37	0.913	0.738	0.728	1.08	3.81	1.308	30
31	5.99		10.5		1.84		0.841	0.888		1.01		1.88	31
TOTAL	108.47	86.87	152.08	172.12	62.20	80.82	33.702	21.844	25.883	32.888	88.084	48.35	TOTAL
MEAN	3.43	2.35	4.81	5.74	2.01	2.02	0.788	0.888	0.888	1.08	3.20	1.88	MEAN
MAX	7.42	5.82	13.8	15.4	2.35	3.58	1.30	0.973	1.11	1.72	13.1	2.88	MAX
MIN	1.88	1.43	1.35	2.18	1.72	1.37	0.188	0.318	0.710	0.714	0.948	1.18	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.38
MAXIMUM DAILY, 15.4 ON APR 4
MINIMUM DAILY, 0.188 ON JUL 18
MAXIMUM INSTANTANEOUS,
17.4 AT 23:58 EST ON APR 4

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 51 40 N
LONG 80 42 10 W
DRAINAGE AREA, 342 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9 200	JUL	2 080
FEB	5 870	AUG	1 670
MAR	13 100	SEP	2 220
APR	14 800	OCT	3 840
MAY	5 370	NOV	6 300
JUN	5 240	DEC	4 180

TOTAL DISCHARGE, 74 800 dam³

BIG OTTER CREEK NEAR CALTON - STATION NO. 02EC028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.5	11.8	3.768	17.8	4.80	4.88	2.98	1.83	2.18	1.82	2.33	8.18	1
2	8.32	11.4	3.768	13.8	4.52	7.81	2.82	1.43	3.48	2.03	2.30	8.23	2
3	7.13	8.89	3.768	16.0	4.47	7.02	2.73	1.38	2.38	2.17	2.38	4.98	3
4	6.80B	8.25B	3.74B	36.0	4.28	7.15	2.78	1.80	1.89	2.01	2.38	4.30B	4
5	6.85B	8.70B	7.90B	30.7	4.30A	8.81	2.83	1.88	1.88	1.92	2.28	4.00B	5
6	6.80B	8.28B	8.84B	22.8	4.23E	8.13	2.88	1.70	1.89	1.88	2.38	3.80B	6
7	11.0 B	8.04B	6.56B	16.0	4.23E	6.55	2.55	1.81	2.01	1.87	2.87	3.85B	7
8	20.3	6.83B	4.30B	12.3	4.41E	4.13	2.43	1.68	2.10	1.88	3.30	3.80B	8
9	21.6	4.77B	4.17B	10.2	4.32E	3.80	2.29	1.82	2.00	1.83	3.80	3.42B	9
10	18.7 B	4.84B	4.05B	9.04	4.21E	3.80	2.23	1.81	1.80	2.40	4.82	3.38B	10
11	14.4 B	4.58B	5.34B	8.31	4.25E	3.87	2.13	1.82	1.84	3.88	4.88	3.28B	11
12	13.1 B	4.48B	8.83B	7.88	4.61E	3.82	1.87	1.84	1.83	2.80	4.27	3.22B	12
13	13.5 B	4.40B	8.88B	9.25	4.84E	3.83	1.88	1.21	1.80	2.40	3.74	3.18B	13
14	10.0 B	4.80B	8.10B	9.83	4.83E	3.77	1.53	1.20	1.88	2.24	8.00E	3.10B	14
15	8.41B	5.60B	5.80B	10.8	4.70E	3.88	1.36	1.78	2.38	2.08	8.58	3.03B	15
16	8.95B	4.80B	5.32	12.8	4.30A	3.78	1.21	1.81	2.38	2.08	28.7	3.00B	16
17	8.38B	4.60B	5.15	11.8	4.18	3.88	1.08	1.87	2.41	2.04	28.2	2.97B	17
18	7.95B	4.20B	11.2	14.8	3.98	4.04	1.08	1.88	2.70	2.11	18.3	2.83B	18
19	7.70B	4.10B	15.8	14.0	3.80	3.78	1.07	1.88	2.28	2.19	12.0	2.88B	19
20	7.05B	4.00B	14.7	11.8	3.81	3.83	1.85	1.88	2.13	2.85	9.89	2.85B	20
21	6.75B	3.88B	12.1	9.41	3.87	4.01	1.88	1.81	2.08	3.80	9.57	2.63B	21
22	6.50B	4.70B	9.23	7.88	3.80	8.22	1.83	1.84	2.07	4.11	7.84	2.62B	22
23	8.30B	4.60B	7.72	6.77	3.83	8.21	1.78	2.17	2.80	3.57	6.66	2.61B	23
24	8.10B	4.30B	8.82E	6.07	3.87	8.19	1.81	2.03	2.84	3.35	5.78	2.80B	24
25	5.92	4.10B	12.7 E	5.70	3.88	8.11	1.47	1.88	2.30	3.18	5.04	2.80B	25
26	8.87	4.05B	14.8 E	5.53	4.70	4.27	1.86	1.81	2.21	2.88	4.84	2.78B	26
27	11.6	3.89B	16.1 E	5.47	4.85	3.93	2.10	1.70	2.08	2.77	4.71	2.78B	27
28	9.27	3.85B	16.3 E	5.22	4.34	3.73	2.08	1.88	2.00	2.58	8.58	2.74B	28
29	7.21		22.4	4.85	3.84	3.40	2.07	2.19	2.01	2.48	7.38	2.72B	29
30	8.28		23.4	4.78	4.80	3.18	1.98	2.23	1.98	2.42	7.37	2.70B	30
31	10.5		20.5		4.82		1.73	1.88		2.38		3.40B	31
TOTAL	305.05	147.29	293.50	348.80	133.45	135.04	61.04	52.92	65.93	75.04	217.84	103.58	TOTAL
MEAN	9.84	5.26	9.47	11.6	4.30	4.50	1.97	1.71	2.20	2.52	7.28	3.34	MEAN
MAX	21.6	11.8	23.4	30.7	4.93	7.81	2.85	2.23	3.48	4.11	28.2	8.18	MAX
MIN	5.92	3.85	3.74	4.78	3.80	3.18	1.07	1.20	1.80	1.92	2.28	2.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.33
MAXIMUM DAILY, 30.7 ON APR 5
MINIMUM DAILY, 1.07 ON JUL 19
MAXIMUM INSTANTANEOUS,
33.4 AT 20:14 EST ON APR 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 42 30 N
LONG 80 50 20 W
DRAINAGE AREA, 678 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	26 400	JUL	5 270
FEB	12 700	AUG	4 570
MAR	25 400	SEP	5 700
APR	30 100	OCT	6 740
MAY	11 500	NOV	18 800
JUN	11 900	DEC	8 950

TOTAL DISCHARGE, 188 000 dam³

BIG TROUT LAKE AT TROUT LAKE - STATION NO. 04CE001

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	213.844E	213.850E	213.870E	213.809E	213.747E	---	---	---	1
2	---	---	---	---	213.844E	213.858	213.870E	213.807E	213.748E	---	---	---	2
3	---	---	---	---	213.845E	213.860E	231.889E	213.805E	213.744E	---	---	---	3
4	---	---	---	---	213.848E	213.862E	213.888E	213.802E	213.743E	---	---	---	4
5	---	---	---	---	213.849E	213.863E	213.887E	213.798E	213.742E	---	---	---	5
6	---	---	---	---	213.847E	213.884E	213.888E	213.787E	213.740E	---	---	---	6
7	---	---	---	---	213.848E	213.885E	213.885E	213.784E	213.738E	---	---	---	7
8	---	---	---	---	213.849E	213.887E	213.884E	213.782E	213.737E	---	---	---	8
9	---	---	---	---	213.848E	213.886E	213.882E	213.789E	213.736E	---	---	---	9
10	---	---	---	---	213.850E	213.889E	213.881E	213.787E	213.735E	---	---	---	10
11	---	---	---	---	213.851E	213.870E	231.880E	213.785E	213.734E	---	---	---	11
12	---	---	---	---	213.852E	213.870E	213.889E	213.783	213.733E	---	---	---	12
13	---	---	---	---	213.854E	213.871E	213.857E	213.780E	213.732E	---	---	---	13
14	---	---	---	---	213.868E	213.871E	213.855E	213.778E	213.731E	---	---	---	14
15	---	---	---	---	213.869E	213.872E	213.853E	213.776E	213.730E	---	---	---	15
16	---	---	---	---	213.862E	213.872E	213.851E	213.774E	213.729E	---	---	---	16
17	---	---	---	---	213.868E	213.873E	213.849E	213.772E	213.728E	---	---	---	17
18	---	---	---	---	213.869E	213.873E	213.846E	213.770E	213.727E	---	---	---	18
19	---	---	---	---	213.874E	213.874E	213.842E	213.768E	213.726E	---	---	---	19
20	---	---	---	---	213.880E	213.874E	213.839E	213.767E	213.725E	---	---	---	20
21	---	---	---	---	213.887E	213.874E	213.837E	213.765E	213.724E	---	---	---	21
22	---	---	---	---	213.888E	213.874E	213.836E	213.763E	213.724E	---	---	---	22
23	---	---	---	---	213.904E	213.874E	213.833E	213.762E	213.723E	---	---	---	23
24	---	---	---	---	213.917E	213.873E	213.828E	213.760E	213.722E	---	---	---	24
25	---	---	---	---	213.932E	213.873E	213.826E	213.758E	213.722E	---	---	---	25
26	213.730	---	213.868	---	213.780E	213.873E	213.824E	213.758E	213.721	---	---	---	26
27	---	---	---	---	213.785E	213.872E	213.821E	213.754E	213.720E	---	---	---	27
28	---	---	---	---	213.800E	213.872E	213.818E	213.752E	213.720E	---	---	---	28
29	---		---	---	213.828E	213.872E	213.818E	213.751E	213.719E	---	---	---	29
30	---		---	---	213.837E	213.871E	213.813E	213.750E	213.719	---	---	---	30
31	---		---		213.844E		213.811E	213.749E		---		---	31
MEAN	---	---	---	---	213.883	213.868	215.007	213.775	213.731	---	---	---	MEAN
MAX	---	---	---	---	213.844	213.874	231.889	213.809	213.747	---	---	---	MAX
MIN	---	---	---	---	213.844	213.850	213.811	213.749	213.719	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 231.889E ON JUL 3
MINIMUM DAILY, 213.844E ON MAY 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 49 00 N
LONG 88 54 00 W

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - SEASONAL OPERATION (MAY-OCT)

BIGHEAD RIVER NEAR MEAFORD - STATION NO. 02FB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.758	16.4	2.768	18.3	3.07	2.67	1.65	0.836	0.535	0.352	0.578A	5.348	1
2	8.808	7.288	2.888	18.2	2.87	2.73	1.30	0.804	0.584	0.331	0.487	5.488	2
3	8.428	8.348	2.618	16.5	2.66	2.25	1.26	0.585	0.388	0.484	0.861E	4.978	3
4	8.108	5.858	2.648	17.1	2.92	2.86	1.34	0.577	0.330	0.488	0.782E	4.358	4
5	5.648	8.128	3.248	18.8	3.21	2.51	1.23	0.884	0.888	0.363	0.781E	4.148	5
6	5.618	4.808	3.018	13.2	4.57	2.16	1.17	0.878	0.671	0.467	0.708E	3.528	6
7	7.048	4.588	2.948	11.7	3.87	1.88	1.21	0.888	0.480	0.487	0.882A	2.988	7
8	25.8	4.388	2.818	10.0	8.51	1.88	1.04	0.580	0.462	0.378	0.864E	2.888	8
9	22.5	4.208	2.788	8.83	7.26	2.22	1.03	0.874	0.708	0.488	0.887E	2.318	9
10	16.1 B	3.858	2.848	7.78	8.24	11.8	1.07	0.813	0.878	0.821	0.822A	2.048	10
11	13.7 B	3.908	3.288	8.89	4.43	8.86	0.872	0.884	0.801	0.988	0.841E	1.888	11
12	14.7	3.888	3.648	7.03	8.33	4.41	0.818	0.528	0.888	0.783	0.880E	1.788	12
13	17.5	3.848	4.448	7.35	10.6	3.17	0.806	0.462	0.432	0.575	0.838E	1.858	13
14	12.0 B	4.028	4.888	8.62	8.77	2.78	0.887	0.701	0.448	0.488	0.804A	1.578	14
15	10.3 B	4.388	25.8 B	8.57	8.83	2.47	0.885	0.715	0.480	0.838	1.10 E	1.488	15
16	9.478	4.188	20.2 B	8.13	4.98	2.58	0.885	0.885	0.444	1.38	3.14	1.418	16
17	8.438	3.908	14.2 B	5.92	4.10	2.22	0.831	0.488	0.383	1.09	2.28	1.408	17
18	8.188	3.728	11.6 B	5.71	3.78	2.18	0.848	0.887	0.483	0.838	2.11 A	1.388	18
19	8.288	3.518	12.9 B	5.23	3.34	2.21	0.853	0.448	0.580	0.738	1.83 E	1.348	19
20	7.808	3.308	11.1 B	4.94	3.41	8.18	0.717	0.355	0.472	0.751	2.74 E	1.278	20
21	8.188	3.088	10.0 B	4.89	4.28	5.58	0.717	0.487	0.388	0.888	3.85 B	1.248	21
22	5.828	2.848	8.308	4.27	3.88	5.47	0.884	0.588	0.458	0.532	2.48 B	1.188	22
23	5.558	2.788	8.858	4.13	3.28	4.97	0.704	0.480	0.485	0.740	2.36 B	1.188	23
24	5.308	2.688	10.4 B	4.04	2.87	3.79	0.725	0.517	0.408	0.841	1.99 B	1.158	24
25	5.828	2.648	15.3 B	3.96	2.72	3.01	0.723	0.511	0.487	0.843	1.81 B	1.148	25
26	6.408	3.158	24.6 B	3.80	3.31	2.68	0.818	0.448	0.861	0.537	1.74	1.118	26
27	8.888	3.028	47.3 B	3.55	3.17	2.39	0.852	0.328	0.514	0.804	2.22	1.108	27
28	8.248	2.888	85.1	3.27	2.78	2.34	0.883	0.278	0.378	0.887	15 B B	1.088	28
29	7.908		74.0	3.12	2.81	1.96	0.705	0.368	0.484	0.480A	8.19 B	1.088	29
30	11.4 B		38.2	3.08	2.47	1.78	0.486	0.460	0.438	0.848A	5.88 B	1.088	30
31	13.1 B		24.2		2.88		0.589	0.488		0.820A		1.388	31
TOTAL	284.38	124.32	484.78	233.92	134.41	101.87	28.326	16.892	15.038	19.812	72.430	88.48	TOTAL
MEAN	8.85	4.44	15.8	7.80	4.34	3.40	0.814	0.528	0.501	0.842	2.41	2.14	MEAN
MAX	25.8	16.4	85.1	18.3	10.6	11.8	1.65	0.715	0.709	1.38	15.8	8.24	MAX
MIN	5.30	2.84	2.81	3.08	2.47	1.78	0.486	0.278	0.330	0.331	0.487	1.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.38
MAXIMUM DAILY, 85.1 ON MAR 28
MINIMUM DAILY, 0.278 ON AUG 28
MAXIMUM INSTANTANEOUS,
102 AT 23:48 EST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 34 10 N
LONG 80 38 00 W
DRAINAGE AREA, 293 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	25 800	JUL	2 480
FEB	10 700	AUG	1 440
MAR	41 800	SEP	1 300
APR	20 200	OCT	1 720
MAY	11 600	NOV	6 280
JUN	8 610	DEC	8 760

TOTAL DISCHARGE, 138 000 dam³

BLACK ASH CREEK AT COLLINGWOOD - STATION NO. 02EB025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	0.084	0.008	0.034	0.012	0.028	0.2878	1
2	---	---	---	---	---	0.233A	0.072	0.011	0.028	0.008	0.030	0.2698	2
3	---	---	---	---	---	0.191	0.067	0.010	0.018	0.005	0.041	0.2618	3
4	---	---	---	---	---	0.321	0.083	0.020	0.014	0.011	0.030	0.2488	4
5	---	---	---	---	---	0.218	0.064	0.035	0.013	0.030	0.029	0.2468	5
6	---	---	---	---	---	0.178	0.083	0.022	0.013	0.028	0.035	0.2428	6
7	---	---	---	---	---	0.161	0.050	0.043	0.087	0.014	0.044	0.2388	7
8	---	---	---	---	---	0.143	0.037	0.059	0.023	0.021	0.084	0.2328	8
9	---	---	---	---	---	0.180	0.038	0.033A	0.028	0.027	0.082	0.2258	9
10	---	---	---	---	---	0.888	0.030	0.028A	0.028	0.031	0.059	0.2138	10
11	---	---	---	---	---	0.381	0.028	0.027	0.025	0.037	0.044	0.1888	11
12	---	---	---	---	---	0.227	0.035	0.018	0.023	0.031	0.048	0.1858	12
13	---	---	---	---	---	0.173	0.032	0.018	0.022	0.017	0.030	0.1678	13
14	---	---	---	---	---	0.158	0.028	0.018	0.027	0.030	0.033	0.1478	14
15	---	---	---	---	---	0.154	0.014	0.010A	0.022	0.082	0.071	0.1388	15
16	---	---	---	---	---	0.160	0.020	0.018A	0.018	0.074	0.324	0.1348	16
17	---	---	---	---	---	0.147	0.027	0.008	0.014	0.041	0.182	0.1138	17
18	---	---	---	---	---	0.144	0.020	0.005	0.015	0.047	0.100	0.1058	18
19	---	---	---	---	---	0.128	0.013	0.005	0.017	0.044	0.078	0.0918	19
20	---	---	---	---	---	0.883	0.014	0.011	0.010	0.058	0.275	0.0858	20
21	---	---	---	---	---	0.818	0.018	0.014	0.012	0.088	0.2698	0.0808	21
22	---	---	---	---	---	1.22	0.010	0.012	0.033	0.052	0.1278	0.0738	22
23	---	---	---	---	---	0.718	0.008	0.011	0.040	0.038	0.1218	0.068	23
24	---	---	---	---	---	0.434	0.010	0.012	0.032	0.028	0.118	0.0658	24
25	---	---	---	---	---	0.312	0.008	0.011	0.021	0.024	0.122	0.0648	25
26	---	---	---	---	---	0.227	0.010	0.007	0.017	0.024	0.283	0.0628	26
27	---	---	---	---	---	0.178	0.033	0.008	0.016	0.021	0.358	0.0618	27
28	---	---	---	---	---	0.163	0.021	0.008	0.016	0.022	2.55	0.0608	28
29	---		---	---	---	0.130	0.012	0.012	0.013	0.028	0.4558	0.0598	29
30	---		---	---	---	0.087	0.013	0.012	0.037	0.022	0.3888	0.0628	30
31	---		---		---		0.011	0.008		0.021		0.1108	31
TOTAL	---	---	---	---	---	---	0.807	0.511	0.878	0.984	6.236	4.537	TOTAL
MEAN	---	---	---	---	---	---	0.029	0.016	0.023	0.032	0.208	0.146	MEAN
MAX	---	---	---	---	---	---	0.084	0.059	0.087	0.082	2.55	0.287	MAX
MIN	---	---	---	---	---	---	0.008	0.005	0.010	0.005	0.028	0.060	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2.55 ON NOV 26
MINIMUM DAILY, 0.005 ON AUG 18
MAXIMUM INSTANTANEOUS,
4.89 AT 05:31 EST ON NOV 26

REMARKS - STATION ACTIVATED JUNE 1988

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 30 05 N
LONG 80 14 17 W
DRAINAGE AREA, 30.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	78.4
FEB	---	AUG	44.2
MAR	---	SEP	68.7
APR	---	OCT	88.0
MAY	---	NOV	539
JUN	---	DEC	392

BLACK CREEK BELOW ACTON - STATION NO. 02HB024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.220	0.381	0.0828	0.488	0.184	0.428	0.153	0.085	0.104	0.085	0.080	0.180	1
2	0.208	0.337	0.0828	0.381	0.284	0.717	0.131	0.082	0.074	0.087	0.088	0.141	2
3	0.198	0.274	0.0838	0.401	0.258	0.488	0.158	0.088	0.082	0.088	0.084	0.138	3
4	0.188	0.222	0.0888	0.518	0.261	0.816	0.140	0.117	0.080	0.088	0.082	0.123	4
5	0.187	0.201	0.1028	0.497	0.327	0.378	0.118	0.088	0.082	0.084	0.088	0.118	5
6	0.188	0.180	0.0878	0.448	0.248	0.273	0.103	0.088	0.084	0.082	0.118	0.118	6
7	0.184	0.188	0.0838	0.801	0.253	0.248	0.094	0.083	0.089	0.085	0.127	0.108	7
8	0.337	0.1848	0.0818	0.408	0.228	0.280	0.090	0.084	0.090	0.088	0.128	0.100	8
9	0.261	0.1808	0.0818	0.308	0.204	0.471	0.088	0.094	0.113	0.082	0.128	0.0888	9
10	0.248	0.1428	0.0828	0.281	0.188	0.378	0.077	0.088	0.084A	0.180	0.102	0.0818	10
11	0.228	0.1338	0.0888	0.261	0.188	0.388	0.074	0.100	0.088E	0.118	0.100	0.0888	11
12	0.248	0.1268	0.1158	0.278	0.341	0.171	0.081	0.088	0.088E	0.088	0.092	0.0888	12
13	0.245	0.117	0.1128	0.288	0.348	0.155	0.090	0.081	0.084E	0.087	0.088	0.0828	13
14	0.228	0.183	0.1788	0.288	0.373	0.151	0.087	0.100	0.082E	0.107	0.180	0.0788	14
15	0.214	0.188	0.784	0.483	0.138	0.168	0.092	0.118	0.100E	0.108	0.838	0.0788	15
16	0.203	0.180	0.438	0.374	0.148	0.182	0.073	0.104	0.110E	0.108	0.780	0.0748	16
17	0.180	0.102	0.335	0.308	0.148	0.208	0.088	0.088	0.120E	0.132	0.428	0.0728	17
18	0.198	0.0888	0.288	0.282	0.132	0.188	0.100	0.085	0.115E	0.088	0.281	0.0888	18
19	0.184	0.0888	0.234	0.288	0.118	0.282	0.078	0.088	0.111E	0.121	0.243	0.0878	19
20	0.188	0.102	0.218	0.310	0.273	0.322	0.100	0.084	0.108A	0.183	0.278	0.0898	20
21	0.178	0.108	0.212	0.232	0.182	0.284	0.108	0.088	0.078	0.128	0.281	0.0848	21
22	0.171	0.108	0.198	0.184	0.163	0.348	0.104	0.088	0.108	0.100	0.220	0.0828	22
23	0.178	0.101	0.180	0.182	0.113	0.317	0.087	0.078	0.118	0.118	0.183	0.0818	23
24	0.208	0.0888	0.208	0.178	0.089	0.302	0.104	0.081	0.083	0.088	0.188	0.0808	24
25	0.211	0.0888	0.432	0.188	0.131	0.238	0.093	0.078	0.089	0.085	0.152	0.0898	25
26	0.335	0.0888	0.822	0.197	0.187	0.142	0.086	0.078	0.088	0.087	0.152	0.0888	26
27	0.263	0.0838	1.01	0.188	0.080	0.143	0.152	0.081	0.081	0.078	0.188	0.088	27
28	0.287	0.0928	1.04	0.180	0.120	0.144	0.112	0.081	0.082	0.088	0.253	0.0888	28
29	0.280		1.09	0.211	0.178	0.128	0.103	0.081	0.088	0.085	0.202	0.0898	29
30	0.384		0.837	0.218	0.282	0.180	0.081	0.078	0.083	0.082	0.178	0.080	30
31	0.371		0.821		0.287		0.103	0.072		0.080		0.083	31
TOTAL	7.178	4.281	10.141	8.321	6.348	8.813	3.178	2.788	2.888	3.153	5.847	2.820	TOTAL
MEAN	0.231	0.153	0.327	0.307	0.205	0.287	0.103	0.088	0.098	0.102	0.188	0.088	MEAN
MAX	0.371	0.381	1.09	0.818	0.348	0.717	0.158	0.117	0.120	0.183	0.780	0.180	MAX
MIN	0.184	0.088	0.081	0.178	0.080	0.128	0.073	0.072	0.074	0.078	0.082	0.083	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.182
MAXIMUM DAILY, 1.09 ON MAR 29
MINIMUM DAILY, 0.0728 ON DEC 28
MAXIMUM INSTANTANEOUS,
1.33 AT 14:38 EST ON MAR 27

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 37 48 N
LONG 80 00 41 W
DRAINAGE AREA, 18.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	820	JUL	275
FEB	370	AUG	238
MAR	878	SEP	248
APR	787	OCT	272
MAY	848	NOV	814
JUN	744	DEC	226

TOTAL DISCHARGE, 5 730 dam³

BLACK CREEK NEAR WESTON - STATION NO. 02HC027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.224	0.388	0.181	0.288	0.251	1.17	0.202	0.182	2.08	0.087	0.861	0.288	1
2	0.228	0.327	0.171	0.248	1.72	8.08	0.181	0.287	0.488	0.200	0.407	0.268	2
3	0.228	0.3028	0.1718	1.81	0.488	0.701	0.181	0.202	0.177	0.102	0.288	0.2428	3
4	0.2188	0.1748	0.2048	2.08	0.284	1.47	0.208	3.84	0.112	0.080	0.238	0.2428	4
5	0.2308	0.1848	0.1988	0.788	1.52	0.287	0.214	2.18	0.130	0.080	0.241	0.241	5
6	0.2808	0.211	0.1888	0.472	0.883	0.212	0.218	0.383	0.133	0.088	0.887	0.258	6
7	0.3078	0.183	0.1928	0.388	0.922	0.444	0.214	0.224	1.27	0.081	3.88	0.225	7
8	3.28	0.1928	0.2038	0.316	0.813	0.518	0.204	0.180	1.14	0.077	1.80	0.207	8
9	0.480	0.1808	0.212	0.358	0.328	0.270	0.202	0.137	0.188	0.080	1.72	0.2028	9
10	0.2888	0.1738	0.287	0.358	0.304	0.348	0.204	0.841	0.114	1.80	0.807	0.187	10
11	0.227	0.1818	0.312	0.298	1.78	0.208	0.228	0.208	0.108	1.01	0.387	0.200	11
12	0.802	0.192	0.283	0.348	4.88	0.181	0.202	0.120	0.113	0.283	0.271	0.1888	12
13	0.253	0.288	0.183	0.788	1.23	0.178	0.223	0.260	0.088	0.187	0.238	0.1848	13
14	0.184	0.837	0.408	0.331	0.801	0.183	0.222	0.330	0.488	1.41	2.71	0.1858	14
15	0.228	0.263	1.05	1.02	0.440	0.172	0.221	1.23	0.411	0.817	4.81	0.1808	15
16	0.221	0.181	0.352	0.358	0.402	0.444	0.288	0.887	0.218	0.838	4.03	0.1788	16
17	0.218	0.1588	0.312	0.333	0.380	0.884	0.263	0.181	0.280	1.81	1.24	0.1728	17
18	0.223	0.1588	0.338	0.388	0.370	0.538	0.273	0.122	0.148	0.888	0.887	0.1688	18
19	0.242	0.148	0.484	0.388	0.358	0.328	0.288	0.088	0.124	1.27	0.440	0.1648	19
20	0.240	0.171	0.430	0.288	1.18	1.88	0.341	0.701	0.114	8.24	0.870	0.1808	20
21	0.1808	1.14	0.788	0.263	0.882	8.18	0.288	0.340	0.130	1.33	0.788	0.1888	21
22	0.1888	0.338	0.548	0.240	0.378	11.3	8.87	0.183	7.12	0.482	0.4228	0.1848	22
23	0.188	0.2018	0.838	0.224	0.351	1.38	2.14	0.131	3.28	0.384	0.358	0.1578	23
24	0.184E	0.1888	1.48	0.245	0.328	0.832	0.287	0.113	0.207	0.332	0.318	0.1548	24
25	0.178E	0.1808	2.87	0.318	0.307	0.432	3.84	0.108	0.128	0.318	0.347	0.1538	25
26	2.38 E	0.228	1.47	0.287	0.738	0.338	8.42	0.118	0.107	0.284	0.448	0.1548	26
27	0.384E	0.274	0.751	0.248	0.328	0.888	2.87	0.120	0.101	0.278	0.884	0.1538	27
28	0.282	0.188	0.733	0.238	0.288	0.247	0.880	0.118	0.088	0.274	2.28	0.1528	28
29	0.877		0.734	0.878	0.283	0.218	0.378	0.173	0.088	0.254	0.884	0.1518	29
30	0.748		0.814	0.518	3.34	0.213	0.288	0.148	0.082	0.287	0.484	0.1508	30
31	0.481		0.340		1.88		0.220	0.138		2.83		0.8008	31
TOTAL	14.021	7.148	17.108	14.883	28.880	37.082	28.312	13.888	19.207	22.848	33.318	8.208	TOTAL
MEAN	0.452	0.288	0.852	0.488	0.888	1.24	0.848	0.442	0.840	0.740	1.11	0.200	MEAN
MAX	3.28	1.14	2.87	2.08	4.88	11.3	8.42	3.84	7.12	8.24	4.81	0.800	MAX
MIN	0.178	0.148	0.171	0.224	0.281	0.183	0.181	0.088	0.082	0.087	0.238	0.150	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.884
MAXIMUM DAILY, 11.3 ON JUN 22
MINIMUM DAILY, 0.087 ON OCT 1
MAXIMUM INSTANTANEOUS,
81.1 AT 21:28 EST ON SEP 22

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 40 31 N
LONG 79 30 21 W
DRAINAGE AREA, 58.0 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 210	JUL	2 270
FEB	817	AUG	1 180
MAR	1 480	SEP	1 890
APR	1 290	OCT	880
MAY	2 320	NOV	2 880
JUN	3 200	DEC	838

TOTAL DISCHARGE, 20 800 dam³

BLACK RIVER AT BALDWIN - STATION NO. 02EC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.25 B	3.20 B	0.8888	5.32	1.80	1.47	1.12	0.385	0.585	0.733	0.878	2.36 B	1
2	1.21 B	4.10 B	0.8508	4.26	2.12	1.88	0.987	0.410	0.824	0.732	1.23	1.97 B	2
3	1.17 B	3.15 B	0.8458	3.84	3.07	1.82	0.818	0.487	0.870	0.724	1.40	1.73 B	3
4	1.15 B	1.84 B	0.8408	4.09	3.72	1.84	0.847	0.823	1.40	0.709	2.28	1.52 B	4
5	1.13 B	1.04 B	0.8408	4.17	3.83	1.48	0.935	1.03	1.28	0.725	1.40	1.41 B	5
6	1.11 B	0.8058	0.8358	4.81	3.88	1.31	1.11	2.01	0.918	0.737	0.748	1.30 B	6
7	1.09 B	0.7858	0.8358	5.88	4.35	1.18	0.988	2.37	0.831	0.782	1.00	1.21 B	7
8	1.34 B	0.7258	0.8358	5.00	5.17	1.17	0.795	5.23	0.888	0.787	1.55	1.13 B	8
9	1.48 B	0.7008	0.8308	4.16	5.36	1.48	0.877	3.80	1.12	0.748	2.02	1.05 B	9
10	1.59 B	0.8858	0.8308	3.48	4.81	2.10	0.807	2.08	1.22	0.783	2.29	0.8958	10
11	1.71 B	0.8708	0.8258	2.84	4.18	2.38	0.884	1.01	1.14	0.783	2.28	0.8508	11
12	1.33 B	0.8508	0.8208	2.88	4.98	2.13	0.838	0.480E	0.980	0.888	2.04	0.8108	12
13	1.12 B	0.8508	0.8458	2.86	7.21	1.88	0.834	0.536	0.873	0.808	1.87	0.8808	13
14	1.05 B	0.8408	0.8308	2.78	10.2	1.32	0.483	0.826	0.788	0.826	2.96	0.8558	14
15	1.01 B	0.8508	3.50 B	2.83	7.88	1.18	0.410	0.833	0.788	1.02	3.28	0.8288	15
16	0.8858	0.8708	3.30 B	2.88	5.80	1.08	0.388	0.811	0.757	1.31	4.66	0.8108	16
17	0.9858	0.8358	5.01 B	2.80	4.47	1.08	0.488	0.573	0.747	1.88	5.63	0.7808	17
18	0.9458	0.8858	4.00 B	2.78	3.30	1.14	0.448	0.535	0.731	1.88	7.30	0.7808	18
19	0.9308	0.8408	2.81 B	2.88	2.73	1.18	0.446	0.509	0.718	1.58	8.85	0.7408	19
20	0.9158	0.8758	1.88 B	2.80	2.27	1.88	0.464	0.502	0.728	1.53	8.39	0.7208	20
21	0.8058	0.8708	1.34 B	2.25	2.27	8.11	0.448	0.508	0.728	1.81	8.10 B	0.8858	21
22	0.8508	0.8858	1.17 B	2.01	2.28	7.47	0.478	0.528	1.42	1.73	4.48 B	0.8708	22
23	0.8858	0.8408	1.03 B	1.88	2.06	7.81	0.488	0.511	1.08	1.78	4.84 B	0.8858	23
24	0.9008	0.8318	0.8458	1.73	1.77	8.85	0.451	0.502	1.02	1.80	3.88 B	0.8408	24
25	0.9058	0.8858	1.80 B	1.84	1.57	7.81	0.430	0.473	1.13	1.43	3.01	0.8258	25
26	0.8008	0.8858	4.48 B	1.81	1.48	4.18	0.407	0.488	1.04	1.28	2.84	0.8058	26
27	0.9108	0.8758	3.80 B	1.84	1.35	2.34	0.388	0.458	0.938	1.18	2.74	0.8958	27
28	0.8758	0.8708	16.0	1.89	0.800E	2.00	0.332E	0.449	0.832	1.48	4.11	0.8808	28
29	1.05 B		14.8	1.83	0.821E	1.82	0.312E	0.484	0.778	1.52	3.50 B	0.8858	29
30	1.47 B		11.8	1.86	0.818	1.31	0.334E	0.473	0.785	0.884	3.02 B	0.8508	30
31	1.84 B		8.81		1.08		0.408	0.481		0.858		0.8758	31
TOTAL	38.230	27.788	100.080	88.83	107.288	78.42	18.124	30.787	27.771	34.838	83.832	28.881	TOTAL
MEAN	1.14	0.883	3.23	2.89	3.48	2.81	0.885	0.882	0.828	1.12	3.13	0.957	MEAN
MAX	1.84	4.10	16.0	5.88	10.2	8.85	1.12	5.23	1.42	1.78	7.30	2.38	MAX
MIN	0.890	0.855	0.820	1.88	0.831	1.08	0.312	0.385	0.585	0.858	0.878	0.850	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.85
MAXIMUM DAILY, 16.0 ON MAR 28
MINIMUM DAILY, 0.312E ON JUL 29
MAXIMUM INSTANTANEOUS,
16.8 AT 07:30 EST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 15 38 N
LONG 79 20 40 W
DRAINAGE AREA, 274 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 040	JUL	1 570
FEB	2 400	AUG	2 880
MAR	8 650	SEP	2 400
APR	7 740	OCT	3 010
MAY	9 270	NOV	8 120
JUN	6 780	DEC	2 880

TOTAL DISCHARGE, 58 200 dam³

BLACK RIVER NEAR ACTINOLITE - STATION NO. 02HL003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.78	3.188	1.418	26.2	2.18	1.88	1.87	0.817	0.845	1.78	4.42	9.808	1
2	3.37	3.078	1.418	22.1	2.43	2.19	1.43	0.830	0.858	1.84	4.41	8.808	2
3	3.14	2.758	1.418	21.8	3.58	2.80	1.23	0.828	0.814	1.80	4.41	8.288	3
4	2.76	2.508	1.418	23.7	3.85	2.75	1.11	0.782	0.814	1.88	3.88	7.708	4
5	2.52	2.378	1.418	27.4	3.75	2.84	1.48	0.847	0.817	1.58	3.48	7.208	5
6	2.428	2.238	1.418	28.8	3.52	2.85	3.81	0.825	0.821	1.55	4.48	8.908	6
7	2.388	2.158	1.418	28.7	5.44	2.12	3.83	0.824	0.807	2.87	7.21	8.858	7
8	2.438	2.038	1.408	24.2	7.88	1.78	3.38	0.821	0.884	5.18	8.45	8.258	8
9	4.208	1.888	1.398	22.0	7.87	1.70	2.88	0.821	0.811	8.04	9.73	8.858	9
10	3.808	1.808	1.388	18.8	7.04	4.78	2.10	0.810	0.812	4.71	10.8	8.708	10
11	3.238	1.858	1.378	17.8	8.10	7.01	1.88	0.808	0.812	4.28	10.3	8.508	11
12	2.808	1.808	1.368	15.8	8.31	8.48	1.48	0.810	0.810	4.07	9.48	8.258	12
13	2.858	1.758	1.368	14.5	7.81	5.10	1.32	0.811	0.800	3.73	8.70	8.888	13
14	2.458	1.728	1.348	13.2	8.48	4.13	1.14	0.893	0.802	3.40	8.88	8.808	14
15	2.218	1.708	2.848	12.2	8.28	3.48	0.988	0.807	0.831	3.18	11.8	8.808	15
16	2.188	1.888	5.808	11.8	7.18	3.01	0.817	0.811	0.825	3.58	17.4	8.408	16
17	2.178	1.618	5.508	11.1	6.33	3.14	0.831	0.898	0.831	4.22	25.8	8.208	17
18	2.218	1.578	5.508	10.5	5.74	3.53	0.742	0.884	0.808	3.85	25.7	8.088	18
19	2.188	1.558	4.758	9.88	5.31	3.81	0.734	0.885	0.823	3.27	21.2	8.808	19
20	2.188	1.528	4.008	8.82	4.88	3.81	0.740	0.802	0.827	3.77	17.8	8.808	20
21	2.118	1.518	3.408	8.28	4.80	4.74	0.707	0.807	0.817	5.42	18.0	8.888	21
22	2.078	1.808	2.878	8.38	4.48	5.23	0.880	0.887	1.42	7.28	13.8	8.808	22
23	3.028	1.488	2.708	8.53	3.87	5.33	0.847	0.890	4.70	7.47	12.7 B	8.358	23
24	1.938	1.488	2.888	3.38	3.84	4.88	0.831	0.877	4.32	8.88	11.0 B	8.258	24
25	1.958	1.458	2.708	3.21	3.14	4.28	0.818	0.887	3.88	8.74	10.2 B	8.158	25
26	2.208	1.448	4.38	2.88	2.98	3.88	0.814	0.871	3.53	8.12	8.888	8.088	26
27	2.408	1.438	8.88	2.23	2.88	3.28	0.837	0.877	2.74	4.73	8.808	8.008	27
28	2.458	1.438	20.4	2.03	2.83	2.88	0.718	0.874	2.31	4.83	10.2 B	8.888	28
29	2.808		38.1	2.03	2.38	2.50	0.847	0.888	2.08	5.33	11.7 B	8.858	29
30	2.758		37.0	2.20	2.03	2.10	0.831	0.877	1.83	4.82	10.8 B	8.858	30
31	2.888		32.3		1.88		0.822	0.887		4.42		8.838	31
TOTAL	80.88	52.87	202.21	401.18	148.88	107.43	40.771	18.738	39.928	128.81	334.04	182.87	TOTAL
MEAN	2.81	1.88	8.82	13.4	4.78	3.88	1.32	0.804	1.33	4.08	11.1	4.83	MEAN
MAX	4.20	3.18	37.0	27.4	8.48	7.01	3.83	0.782	4.70	7.47	25.7	9.80	MAX
MIN	1.88	1.42	1.34	2.03	1.88	1.70	0.814	0.858	0.884	1.88	3.38	2.43	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.87
MAXIMUM DAILY, 37.0 ON MAR 30
MINIMUM DAILY, 0.888 ON AUG 28
MAXIMUM INSTANTANEOUS,
39.8 AT 21:10 EST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 32 21 N
LONG 77 32 18 W
DRAINAGE AREA, 401 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 880	JUL	3 530
FEB	4 840	AUG	1 830
MAR	17 800	SEP	3 480
APR	24 700	OCT	10 800
MAY	12 800	NOV	26 800
JUN	8 280	DEC	13 200

TOTAL DISCHARGE, 147 000 dam³

BLACK RIVER NEAR MARATHON - STATION NO. 02BB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.9 B	3.838	1.578	1.988	147	37.6	6.86	1.86	0.710	0.280	2.82	5.408	1
2	10.7 B	3.788	1.538	2.138	147	34.5	6.57	1.84	0.818	0.302	3.31	5.288	2
3	10.3 B	3.838	1.488	2.328	149	31.6	6.15	1.81	0.585	0.361	3.44	5.138	3
4	10.1 B	3.508	1.478	2.588	153	28.7	6.04	1.81	0.501	0.421	3.26	5.038	4
5	9.808	3.368	1.438	2.838	158	28.1	7.86	1.84	0.478	0.483	3.86	4.938	5
6	9.508	3.258	1.388	3.148	204	28.7	7.38	1.42	0.488	0.862	4.86	4.888	6
7	9.288	3.128	1.378	3.458	203	28.6	7.03	1.44	0.463	0.867	4.86	4.738	7
8	9.008	3.028	1.338	3.858	194	28.8	6.86	1.52	0.445	1.08	5.86	4.888	8
9	8.888	2.848	1.318	4.258	190	28.8	6.28	1.56	0.418	1.16	8.48	4.808	9
10	8.488	2.838	1.288	4.858	184	27.7	6.32	1.47	0.382	1.17	9.82	4.808	10
11	8.258	2.748	1.278	5.108	178	26.1	5.98	1.42	0.288	1.21	10.2	4.448	11
12	7.858	2.688	1.248	5.888	178	24.3	5.13	1.36	0.266	1.25	10.1	4.388	12
13	7.708	2.588	1.228	6.268	180	22.7	6.12	1.23	0.217	1.26	9.83	4.228	13
14	7.458	2.488	1.198	6.808	190	21.6	5.84	1.14	0.186	1.26	9.57	4.118	14
15	7.188	2.428	1.168	7.88	195	20.1	5.62	1.03	0.132	1.27	9.86	4.038	15
16	7.008	2.338	1.178	8.86	192	19.0	5.23	0.917	0.108	1.26	8.35	3.858	16
17	6.708	2.288	1.188	10.3	178	18.0	4.85	0.782	0.088	1.24	8.56	3.858	17
18	6.488	2.208	1.188	11.7	162	17.1	4.52	0.688	0.070	1.24	7.11	3.748	18
19	6.308	2.138	1.188	13.2	147	16.1	4.26	0.589	0.047	1.26	7.30	3.678	19
20	6.058	2.068	1.188	14.5	127	15.0	3.87	0.541	0.032	1.29	7.008	3.908	20
21	5.808	2.008	1.178	17.2	114	14.0	3.57	0.888	0.048	1.38	6.808	3.828	21
22	5.708	1.978	1.188	21.8	104	13.1	3.30	0.752	0.088	1.43	6.638	3.488	22
23	5.508	1.918	1.228	24.3	91.1	12.3	3.09	1.18	0.141	1.48	6.498	3.478	23
24	5.358	1.848	1.268	28.4	81.1	12.7	2.98	1.28	0.193	1.53	6.328	3.448	24
25	5.108	1.808	1.318	34.0	75.4	11.8	2.83	1.23	0.240	1.60	6.208	3.428	25
26	4.858	1.768	1.388	46.8	70.6	10.9	2.43	1.17	0.347	1.70	6.028	3.408	26
27	4.768	1.708	1.488	70.0	63.7	10.4	2.31	1.12	0.394	1.73	5.828	3.388	27
28	4.658	1.688	1.538	83.1	57.7	10.1	2.12	1.00	0.381	1.73	5.808	3.388	28
29	4.458		1.638	115	51.7	9.77	1.94	0.848	0.333	1.78	5.938	3.388	29
30	4.258		1.728	140	46.3	9.38	1.78	0.784	0.318	1.84	5.528	3.388	30
31	4.058		1.838		43.0		1.68	0.738		2.21		3.388	31
TOTAL	222.28	71.85	41.77	713.88	4 293.5	614.93	155.27	35.358	8.693	38.048	188.80	126.70	TOTAL
MEAN	7.17	2.57	1.35	23.8	139	20.5	5.01	1.14	0.298	1.23	6.55	4.09	MEAN
MAX	10.9	3.92	1.83	140	204	37.6	8.95	1.85	0.710	2.21	10.2	5.40	MAX
MIN	4.06	1.65	1.15	1.88	42.0	9.38	1.68	0.541	0.032	0.280	2.82	3.38	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.9
MAXIMUM DAILY, 204 ON MAY 6
MINIMUM DAILY, 0.032 ON SEP 20
MAXIMUM INSTANTANEOUS,
206 AT 19:05 EST ON MAY 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 41 20 N
LONG 85 12 45 W
DRAINAGE AREA, 1 980 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 200	JUL	13 400
FEB	6 210	AUG	3 060
MAR	3 610	SEP	788
APR	61 700	OCT	3 290
MAY	371 000	NOV	17 000
JUN	53 100	DEC	10 900

TOTAL DISCHARGE, 883 000 dam³

BLACK RIVER NEAR WASHAGO - STATION NO. 02EC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.4	20.0 B	9.308	154 B	41.4	19.4	12.6	1.88	1.78	4.01	11.5	46.08	1
2	20.8	19.0 B	9.058	143 B	38.8	19.1	11.3	1.85	2.42	3.93	15.9	43.08	2
3	20.5	18.0 B	8.858	130	41.5	18.5	10.4	1.92	2.64	3.82	18.1	40.08	3
4	19.88	17.0 B	8.808	128	43.0	18.6	9.63	2.05	2.74	3.72	18.2	38.08	4
5	19.09	16.0 B	9.708	127	43.2	18.2	8.95	2.43	2.43	3.58	17.8	36.08	5
6	17.58	15.0 B	8.508	124	50.0	16.7	8.29	2.53	2.13	3.57	17.9	34.08	6
7	16.08	14.3 B	8.108	120	56.1	14.9	7.81	2.50	1.91	3.48	19.8	32.08	7
8	18.08	14.0 B	8.808	115	53.7	13.8	6.87	2.24	1.83	3.40	21.5	30.08	8
9	21.08	13.7 B	8.508	108	55.0	12.9	6.23	2.05	1.77	3.33	23.1	28.28	9
10	26.08	13.3 B	8.308	98.0	62.5	12.5	5.88	1.90	1.74	3.24	26.4	26.58	10
11	25.58	12.9 B	8.108	88.2	57.6	12.8	5.89	1.79A	1.76	3.84	26.8	24.88	11
12	24.38	12.7 B	8.008	79.8	54.8	13.0	6.37	1.62A	1.71	4.52	27.0	23.28	12
13	26.28	12.5 B	7.858	78.8	58.5	11.7	4.95	1.53A	1.63	4.88	26.5	22.08	13
14	25.88	12.4 B	7.778	74.6	55.3	10.3	4.55	1.31A	1.59	4.83	26.5	20.88	14
15	25.08	12.4 B	7.808	76.1	52.4	9.29	4.24	1.38A	1.51	5.07	28.2	19.88	15
16	24.08	12.3 B	11.0 B	75.4	48.4	8.81	3.95	1.48A	1.45	8.01	55.5	18.48	16
17	23.88	12.1 B	27.0 B	76.0	44.4	8.33	3.68	1.62A	1.41	7.48	83.8	17.58	17
18	23.68	11.2 B	28.5 B	78.2	40.9	8.78	3.43	1.70A	1.48	8.26	83.3	16.88	18
19	23.48	10.7 B	29.7 B	74.8	37.5	9.48	3.28	1.82A	1.47	7.82	76.0	15.88	19
20	23.08	10.5 B	29.0 B	71.8	36.0	9.88	3.13	1.38A	1.33	8.25	72.8	15.08	20
21	21.48	10.4 B	28.0 B	69.2	33.9	10.7	3.03	1.31A	1.24	11.2	73.7	14.28	21
22	20.88	10.6 B	27.0 B	65.6	32.9	16.6	2.93	1.24A	1.37	13.5	85.8	13.48	22
23	20.08	10.5 B	26.0 B	63.8	30.6	35.8	2.77	1.38A	3.43	13.7	88.1	12.78	23
24	19.88	10.3 B	24.5 B	58.7	28.4	38.5	2.60	1.38A	8.84	12.8	82.7	12.18	24
25	19.88	10.0 B	25.5 B	56.4	26.3	33.4	2.44	1.38A	7.81	11.8	67.4	11.78	25
26	19.88	9.808	27.5 B	54.1	25.2	27.7	2.28	1.31A	6.48	11.0	48.7	11.38	26
27	20.08	9.808	33.0 B	51.9	24.8	23.2	2.17	1.24A	5.78	10.3	43.2A	11.08	27
28	19.88	9.808	52.0 B	49.8	23.2	19.8	2.28	1.11A	5.25	9.57	44.6A	10.78	28
29	19.28		114 B	45.8	21.8	16.8	2.32	1.05A	4.79	9.17	43.7A	10.48	29
30	19.08		148 B	43.8	20.6	14.4	2.25	1.24A	4.41	8.71	48.0A	10.28	30
31	19.28		189 B		19.8		2.10	1.33		8.48		10.08	31
TOTAL	683.1	361.40	818.62	2 874.7	1 276.2	505.75	157.16	50.93	85.88	217.24	1 219.1	575.5	TOTAL
MEAN	21.4	12.9	29.5	85.8	41.2	16.9	5.07	1.64	2.86	7.01	40.6	21.8	MEAN
MAX	26.2	20.0	189	154	55.0	38.5	12.6	2.53	8.84	13.7	83.8	46.0	MAX
MIN	16.0	9.80	7.80	43.8	19.8	8.81	2.10	1.05	1.24	3.24	11.5	10.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.8
MAXIMUM DAILY, 1898 ON MAR 31
MINIMUM DAILY, 1.05A ON AUG 29
MAXIMUM INSTANTANEOUS,
1908 AT 13:30 EST ON MAR 31

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 42 45 N
LONG 79 16 54 W
DRAINAGE AREA, 1 820 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	57 300	JUL	13 800
FEB	31 200	AUG	4 400
MAR	78 400	SEP	7 430
APR	232 000	OCT	18 800
MAY	110 000	NOV	105 000
JUN	43 700	DEC	56 400

TOTAL DISCHARGE, 751 000 dam³

BLACK STURGEON RIVER AT HIGHWAY NO. 17 - STATION NO. 02AC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.3B	13.3B	10.6 B	8.42B	70.0	81.8E	40.8E	20.2	12.7	8.77	8.84	8.42B	1
2	20.0B	13.2B	10.5 B	8.48B	73.8	78.1E	39.7E	20.8	12.2	9.01	7.12	8.38B	2
3	19.7B	13.1B	10.5 B	8.50B	82.6	74.6E	38.2E	20.8	11.8	8.77	8.89	8.36B	3
4	19.3B	12.9B	10.4 B	8.58B	83.0	71.8E	36.8E	21.4	11.9	8.72	7.04	8.32B	4
5	19.0B	12.8B	10.4 B	8.65B	108 E	70.0E	35.3E	21.1	13.1	8.34	7.21	8.28B	5
6	18.8B	12.7B	10.3 B	8.70B	116 E	67.8E	35.2	22.6	13.7	8.06	7.49	8.28B	6
7	18.3B	12.6B	10.3 B	8.80B	115 E	68.7E	37.8	21.8	13.4	8.81	7.57	8.23B	7
8	18.0B	12.4B	10.2 B	8.80B	115 E	68.0E	36.3	20.8	13.0	8.68	7.66	8.21B	8
9	17.7B	12.3B	10.2 B	10.0 B	116 E	70.0E	37.6	19.8	12.9	8.08	8.78	8.18B	9
10	17.6B	12.2B	10.1 B	10.1 B	122 E	68.8E	38.6	18.8	12.1	7.81	10.8	8.16B	10
11	17.2B	12.1B	10.1 B	10.3 B	121 E	64.2E	35.8	18.8	11.8	7.82	10.7	8.12B	11
12	16.8B	12.0B	10.0 B	10.5 B	118 E	60.8E	34.3	17.8	11.3	7.45	8.86	8.10B	12
13	16.7B	11.9B	10.0 B	10.7 B	117 E	61.6E	33.4	16.8	10.8	7.38	10.2	8.08B	13
14	16.4B	11.8B	9.85B	11.0 B	116 E	65.1E	32.8	17.1	10.6	7.33	9.83	8.08B	14
15	16.2B	11.7B	9.80B	11.3 B	117 E	63.4E	31.8	17.0	10.3	7.28	8.13	8.04B	15
16	16.0B	11.6B	9.68B	11.6 B	120 E	59.9E	31.0	18.8	10.0	7.18	7.81	8.02B	16
17	15.8B	11.5B	9.62B	12.3 B	123 E	58.1E	30.7	15.8	9.87	7.08	7.61	8.00B	17
18	15.6B	11.5B	9.74B	12.9 B	132 E	53.4E	35.6	15.1	9.44	6.97	7.30B	8.98B	18
19	15.4B	11.4B	9.74B	14.0 B	118 E	51.0E	35.7	14.8	8.40	6.81	7.00B	8.88B	19
20	15.2B	11.3B	9.70B	15.3 B	118 E	48.1E	33.3	15.2	10.2	6.83	8.78	8.84B	20
21	15.0B	11.2B	9.66B	17.2 B	120 E	46.7E	31.1	15.0	10.5	6.73	8.76B	8.84B	21
22	14.8B	11.2B	9.63B	19.3 B	120 E	45.0E	29.2	15.0	11.0	6.71	8.70B	8.92B	22
23	14.7B	11.1B	9.60B	22.2 B	116 E	44.9E	27.7	15.6	11.9	6.64	8.67B	8.80B	23
24	14.6B	11.0B	9.67B	27.5 B	111 E	44.7E	26.5	15.2	12.0	6.52	8.63B	8.88B	24
25	14.4B	11.0B	9.53B	33.5 B	110 E	43.6E	25.7	14.5	11.0	6.47	8.60B	8.88B	25
26	14.2B	10.9B	9.50B	42.5 B	108 E	42.6E	25.1	13.8	10.6	8.38	8.57B	8.68B	26
27	14.0B	10.8B	9.47B	54.0 B	105 E	42.8E	24.5	13.4	10.3	8.30	8.53B	8.84B	27
28	13.8B	10.7B	9.44B	62.7	99.7E	42.3E	23.6	13.1	9.76	8.31	8.50B	8.82B	28
29	13.6B		9.42B	64.8	94.8E	40.7E	22.7	13.0	9.34	8.28	8.47B	8.80B	29
30	13.8B		9.40B	68.8	90.3E	40.5E	21.8	12.8	9.10	8.48	8.44B	8.80B	30
31	13.5B		9.42B		86.7E		20.7	12.9		8.76		8.78B	31
TOTAL	506.3	332.2	308.99	629.67	3 369.0	1 735.3	989.4	526.5	335.31	232.89	230.61	187.49	TOTAL
MEAN	16.3	11.9	9.90	21.0	108	57.8	31.9	17.0	11.2	7.50	7.66	8.05	MEAN
MAX	20.3	13.3	10.6	68.8	123	81.8	40.8	22.6	13.7	8.77	10.7	8.42	MAX
MIN	13.5	10.7	9.40	8.42	70.0	40.5	20.7	12.8	9.10	6.21	6.44	8.76	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.7
MAXIMUM DAILY, 1338 ON MAY 17
MINIMUM DAILY, 8.788 ON DEC 31

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 54 13 N
LONG 88 32 38 W
DRAINAGE AREA, 2 880 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	43 700	JUL	85 800
FEB	28 700	AUG	45 800
MAR	26 500	SEP	28 000
APR	54 400	OCT	20 100
MAY	291 000	NOV	19 800
JUN	150 000	DEC	18 200

TOTAL DISCHARGE, 811 000 dam³

BLACKWATER RIVER AT BEARDMORE - STATION NO. 02AD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.83B	1.97B	1.61B	1.76B	22.3	19.5	3.84	2.65	1.04	1.54	2.17	3.00B	1
2	2.79B	1.94B	1.60B	1.77	28.8	17.8	3.56	2.40	0.993	1.77	2.08	2.90B	2
3	2.74B	1.94B	1.59B	1.78	30.6	16.3	3.46	2.38	0.958	1.95	2.04	2.82B	3
4	2.70B	1.92B	1.58B	1.83	38.1	15.1	3.34	2.30	0.940	2.05	2.00	2.72B	4
5	2.66B	1.90B	1.57B	1.85	42.4	13.8	3.23	2.33	0.988	2.08	2.03	2.85B	5
6	2.61B	1.89B	1.58B	1.68	50.1	12.6	3.50	2.27	0.938	2.28	2.06	2.57B	6
7	2.86B	1.88B	1.55B	1.65	57.6	11.7	3.48	2.12	0.915	2.88	2.08	2.48B	7
8	2.52B	1.86B	1.54B	1.88	83.2	11.1	3.50	2.04	0.881	2.64	2.10	2.41B	8
9	2.50B	1.86B	1.53B	1.84	88.9	10.3	3.61	1.98	0.874	2.70	2.23	2.38B	9
10	2.47B	1.84B	1.52B	1.86	85.1	9.46	4.38	2.04	0.858	2.62	2.43	2.28B	10
11	2.43B	1.83B	1.51B	1.81	82.4	8.75	4.57	2.28	0.843	2.98	2.81	2.21B	11
12	2.40B	1.81B	1.50B	1.84	58.4	8.28	4.83	2.27	0.885	3.11	2.81	2.14B	12
13	2.36B	1.80B	1.50B	1.84	56.8	7.81	5.38	2.22	0.831	3.53	3.21	2.09B	13
14	2.35B	1.78B	1.49B	1.98	54.4	7.32	5.78	2.34	0.809	3.41	3.81	2.02B	14
15	2.32B	1.77B	1.49B	2.03	52.4	6.84	5.98	2.27	0.791	3.32	3.95	1.96B	15
16	2.30B	1.78B	1.48B	2.17	50.4	6.44	5.85	2.21	0.783	3.38	4.18	1.93B	16
17	2.28B	1.76B	1.48B	2.30	48.6	6.04	5.80	2.09	0.775	3.19	4.33	1.88B	17
18	2.25B	1.73B	1.47B	2.32	46.0	5.73	5.70	2.00	0.742	3.08	4.38	1.83B	18
19	2.22B	1.72B	1.47B	2.37	43.1	5.48	5.38	1.85	0.758	2.89	4.46	1.79B	19
20	2.20B	1.71B	1.46B	2.46	41.3	5.18	5.04	1.80	0.847	2.82	4.48	1.75B	20
21	2.16B	1.70B	1.46B	2.59	40.0	4.87	4.70	1.79	0.872	2.83	4.27	1.71B	21
22	2.15B	1.69B	1.45B	2.83	37.2	4.56	4.50	1.71	1.18	2.74	4.10B	1.67B	22
23	2.13B	1.68B	1.45B	3.05	35.0	4.38	4.51	1.63	1.25	2.67	3.85B	1.63B	23
24	2.11B	1.68B	1.45B	3.42	33.1	4.34	4.04	1.51	1.21	2.57	3.60B	1.59B	24
25	2.09B	1.65B	1.46B	4.01	31.6	4.26	3.70	1.42	1.23	2.50	3.67B	1.56B	25
26	2.07B	1.64B	1.49B	5.06	29.6	4.25	3.47	1.35	1.27	2.45	3.53B	1.53B	26
27	2.06B	1.63B	1.63B	6.48	27.8	4.17	3.30	1.28	1.30	2.36	3.42B	1.49B	27
28	2.03B	1.62B	1.80B	8.49	26.0	4.08	3.15	1.23	1.37	2.27	3.32B	1.48B	28
29	2.01B		1.65B	11.7	24.9	3.87	2.97	1.18	1.40	2.21	3.22B	1.44B	29
30	1.98B		1.68B	16.7	23.1	3.73	2.80	1.18	1.42	2.16	3.13B	1.41B	30
31	1.98B		1.72B		21.2		2.58	1.10		2.17		1.38B	31
TOTAL	72.33	48.94	47.45	103.98	1 303.7	248.02	139.68	59.38	38.921	81.17	95.82	82.67	TOTAL
MEAN	2.33	1.76	1.53	3.47	42.1	8.27	4.18	1.82	0.987	2.82	3.18	2.82	MEAN
MAX	2.83	1.97	1.72	16.7	88.9	19.5	5.98	2.65	1.42	3.53	4.48	3.00	MAX
MIN	1.98	1.62	1.45	1.76	21.2	3.73	2.58	1.10	0.742	1.54	2.00	1.38	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.26
MAXIMUM DAILY, 88.9 ON MAY 8
MINIMUM DAILY, 0.742 ON SEP 18
MAXIMUM INSTANTANEOUS,
88.9 AT 20:13 EST ON MAY 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 10 N
LONG 87 57 50 W
DRAINAGE AREA, 550 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 280	JUL	11 200
FEB	4 310	AUG	6 130
MAR	4 100	SEP	2 580
APR	8 980	OCT	7 010
MAY	113 000	NOV	8 280
JUN	21 400	DEC	6 410

TOTAL DISCHARGE, 198 000 dam³

BLANCHE RIVER ABOVE ENGLEHART - STATION NO. 02JC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.2 B	8.48E	8.858	15.8	105	83.1	21.9	8.78	5.83	3.77	7.75	12.8	1
2	12.0 B	8.35E	8.808	15.2	105	76.9	21.1	8.67	5.38	3.74	8.08	12.7	2
3	11.7 B	8.05	8.858	14.7	112	70.8	20.2	8.39	5.15	3.72	8.35	12.8	3
4	11.5 B	7.84	8.858	15.8	127	65.3	21.3	8.12	4.88	3.67	8.28	11.8	4
5	11.3 B	7.61	8.808	15.7	134	59.7	19.7	8.47	4.77	3.68	8.40	11.7 B	5
6	11.1 B	7.308	8.488	15.8	133	55.6	18.4	31.7	4.58	3.65	15.3	11.4 B	6
7	10.9 B	7.308	8.358	15.5	128	51.4	17.3	33.8	4.45	3.68	19.8	11.7	7
8	10.6 B	7.058	8.38	15.7	128	47.8	16.5	18.6	4.52	3.90	17.7	11.0	8
9	10.7 B	6.858	8.36	15.7	134	53.8	16.8	17.1	4.58	3.88	17.4	11.0	9
10	10.6 B	6.658	8.41	15.7	128	82.3	21.8	15.2	4.58	3.81	18.5	10.8 B	10
11	10.6 B	6.608	8.81	15.4	117	72.5	23.8	13.7	4.70	3.98	18.0	10.7 B	11
12	10.5 B	6.758	8.57	15.1	112	62.2	22.3	12.0	4.57	4.20	18.1	10.0	12
13	10.5 B	6.708	8.54	15.4	108	54.8	21.0	10.8	4.42	4.65	18.5	9.83	13
14	10.4 B	6.558	8.54	15.4	104	50.1	19.6	10.8	4.33	4.82	18.3	9.33	14
15	10.4 B	6.809	8.86	21.1	100	48.4	18.4	11.1	4.21	4.87	18.0	9.25	15
16	10.4 B	6.808	9.74	28.1	95.8	42.5	17.2	13.0	4.01	4.74	17.1	8.208	16
17	10.4	6.408	8.82	42.8	90.4	40.0	16.3	12.8	3.93	4.77	17.0	8.158	17
18	10.3	6.358	8.83	50.7	85.7	38.8	15.7	11.4	3.84	4.77	16.0	8.14	18
19	10.1	6.308	8.96	48.1	79.8	37.6	15.4	10.8	3.88	4.80	14.1 E	8.18	19
20	8.80E	6.258	9.75	50.4	74.9	37.2E	14.3	9.88	3.80	4.80	14.1	8.04	20
21	8.48E	6.208	9.77	56.7	94.4	36.8E	13.8	8.88	3.85	5.08	17.7	8.138	21
22	8.52	6.108	9.71	58.7	139	35.0E	13.4	8.38	3.82	5.58	17.2 E	7.808	22
23	8.43	6.058	9.68	56.3	110	33.0E	13.2	8.24	3.72	5.85	16.8 E	7.708	23
24	8.28	5.92	9.60	61.7	84.2	31.0E	11.7	7.85	3.88	6.03	16.5 E	7.608	24
25	8.10E	5.84	9.97	74.6	85.2	29.0E	11.1	7.57	3.98	6.06	15.8	7.508	25
26	8.88	5.84	9.18	81.0	88.0	27.8E	11.1	7.32	4.08	5.84	15.8	7.428	26
27	8.78	5.858	7.07	102	104	26.8E	11.3	7.18	4.24	5.77	14.4 E	7.408	27
28	8.78	5.808	11.7	97.6	93.6	26.0E	10.8	7.27	4.20	5.73	14.1	7.388	28
29	8.77		14.4	84.8	84.6	25.8E	10.3	7.04	4.04	5.85	13.4	7.308	29
30	8.74		18.5	102	81.7	22.9A	9.83	6.57	3.87	5.88	13.8	7.208	30
31	8.88		18.8		78.5		9.33	6.83		5.82		7.188	31
TOTAL	316.43	188.43	313.13	1 282.9	3 268.0	1 421.8	501.78	347.82	129.58	148.80	494.32	294.70	TOTAL
MEAN	10.2	6.73	8.84	42.6	105	47.4	16.2	11.2	4.32	4.80	15.9	9.51	MEAN
MAX	12.2	8.48	18.5	102	139	83.1	33.8	31.7	6.83	6.82	19.8	12.8	MAX
MIN	8.88	5.80	8.36	14.7	74.9	22.9	9.33	6.93	3.85	3.67	7.75	7.18	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.5
MAXIMUM DAILY, 139 ON MAY 22
MINIMUM DAILY, 3.86 ON SEP 21
MAXIMUM INSTANTANEOUS,
158 AT 03:53 EST ON MAY 22

%

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 53 21 N
LONG 79 52 45 W
DRAINAGE AREA, 1 780 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	27 300	JUL	43 400
FEB	16 300	AUG	30 000
MAR	18 300	SEP	11 200
APR	111 000	OCT	12 800
MAY	281 000	NOV	40 100
JUN	123 000	DEC	25 500

TOTAL DISCHARGE, 740 000 dam³

BLOOMFIELD CREEK AT BLOOMFIELD - STATION NO. 02HE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.126	0.1648	0.089	0.780	0.127	0.128	0.035	0.007	0.016	0.013	0.038	0.120	1
2	0.124	0.111	0.088	0.5708	0.174	0.287	0.032	0.012	0.010	0.023	0.029	0.104	2
3	0.123	0.088	0.082	0.583	0.210	0.270	0.028	0.014	0.008	0.020	0.022	0.087	3
4	0.088	0.073	0.081	0.893	0.172	0.175	0.026	0.030	0.005	0.018	0.023	0.078	4
5	0.075	0.078	0.084	0.888	0.188	0.134	0.026	0.028	0.008	0.020	0.011	0.084	5
6	0.088	0.078	0.072	0.814	0.188	0.118	0.023	0.013	0.002	0.028	0.023	0.083	6
7	0.088	0.078	0.058	0.488	0.342	0.102	0.028	0.008	0.002	0.024	0.027	0.078	7
8	0.1658	0.0848	0.048	0.418	0.432	0.087	0.038	0.008	0.001	0.022	0.048	0.084	8
9	0.118	0.0788	0.041	0.358	0.316	0.078	0.028	0.003	0.002	0.028	0.083	0.057	9
10	0.088	0.077	0.088	0.332	0.248	0.108	0.025	0.004	0.002	0.025	0.045	0.059	10
11	0.087	0.071	0.081	0.315	0.242	0.085	0.020	0.005	0.001	0.038	0.035	0.087	11
12	0.0888	0.074	0.081	0.304	0.408	0.078	0.018	0.004	0.001	0.038	0.038	0.080	12
13	0.084	0.088	0.080	0.283	0.398	0.088	0.018	0.007	0.002	0.038	0.022	0.081	13
14	0.078	0.074	0.483	0.261	0.297	0.083	0.018	0.008	0.005	0.037	0.023	0.058	14
15	0.078	0.082	2.15 B	0.253	0.282	0.082	0.017	0.010	0.007	0.035	0.088	0.045	15
16	0.077	0.075	0.8008	0.248	0.227	0.087	0.015	0.012	0.011	0.047	0.188	0.043	16
17	0.074	0.071	0.3008	0.231	0.203	0.158	0.015	0.011	0.010	0.048	0.183	0.044	17
18	0.077	0.071	0.1438	0.224	0.183	0.138	0.014	0.011	0.007	0.044	0.142	0.048	18
19	0.113	0.075	0.148	0.205	0.187	0.098	0.012	0.011	0.008	0.038	0.117	0.049	19
20	0.1138	0.076	0.148	0.192	0.158	0.123	0.014	0.011	0.008	0.085	0.315	0.051	20
21	0.0918	0.077	0.1118	0.165	0.150	0.145	0.013	0.012	0.011	0.081	0.388	0.050	21
22	0.078	0.081	0.1078	0.171	0.139	0.122	0.018	0.010	0.014	0.081	0.210	0.048	22
23	0.075	0.100	0.132	0.183	0.128	0.082	0.014	0.008	0.010	0.083	0.158	0.044	23
24	0.072	0.081	0.148	0.154	0.126	0.075	0.012	0.008	0.008	0.048	0.137	0.045	24
25	0.082	0.080	0.441	0.161	0.113	0.088	0.007	0.005	0.004	0.040	0.140	0.053	25
26	0.8808	0.074	1.08	0.141	0.123	0.082	0.004	0.005	0.005	0.040	0.182	0.055	26
27	0.2888	0.087	1.04	0.138	0.120	0.088	0.004	0.004	0.007	0.048	0.158	0.047	27
28	0.184	0.082	1.03	0.133	0.108	0.051	0.004	0.005	0.007	0.035	0.227	0.050	28
29	0.158		0.988	0.128	0.087	0.044	0.003	0.004	0.007	0.033	0.1588	0.057	29
30	0.320		0.885	0.139	0.088	0.041	0.004	0.008	0.011	0.038	0.1248	0.051	30
31	0.232		0.8638		0.128		0.008	0.003		0.031		0.114	31
TOTAL	4.466	3.262	11.382	8.928	8.214	3.177	0.539	0.282	0.195	1.327	3.330	1.939	TOTAL
MEAN	0.144	0.082	0.367	0.331	0.300	0.106	0.017	0.009	0.007	0.040	0.111	0.063	MEAN
MAX	0.880	0.184	2.15	0.883	0.432	0.270	0.038	0.030	0.016	0.085	0.358	0.120	MAX
MIN	0.082	0.082	0.041	0.128	0.087	0.041	0.003	0.003	0.001	0.013	0.011	0.043	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.123
MAXIMUM DAILY, 2.158 ON MAR 15
MINIMUM DAILY, 0.001 ON SEP 8
MAXIMUM INSTANTANEOUS,
2.698 AT 13:15 EST ON MAR 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 59 25 N
LONG 77 13 05 W
DRAINAGE AREA, 13.8 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	386	JUL	46.5
FEB	197	AUG	24.4
MAR	882	SEP	16.8
APR	858	OCT	108
MAY	837	NOV	287
JUN	274	DEC	188

TOTAL DISCHARGE, 3 680 dam³

BLUE JAY CREEK NEAR YEMKUMMAH - STATION NO. 02CG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.480E	0.517	0.465	1.54	0.501	0.419	0.388	0.378	0.388	0.383	0.388	0.432	1
2	0.480E	0.516	0.481	1.75	0.489	0.428	0.400	0.381	0.378	0.388	0.370	0.421	2
3	0.478E	0.584	0.462	1.74	0.489	0.416	0.388	0.383	0.378	0.384	0.388	0.402	3
4	0.470E	0.547	0.488	2.49	0.482	0.413	0.383	0.388	0.384	0.382	0.382	0.402	4
5	0.488E	0.536	0.480	2.39	0.498	0.418	0.390	0.383	0.370	0.380	0.588	0.397	5
6	0.480E	0.507	0.498	1.89	0.481	0.412	0.384	0.383	0.382	0.381	0.881	0.382	6
7	0.530E	0.500	0.458	1.34	0.478	0.410	0.393	0.388	0.387	0.387	0.870	0.384	7
8	0.730E	0.488	0.458	1.18	0.473	0.410	0.391	0.372	0.386	0.389	0.803	0.388	8
9	0.710E	0.483	0.459	0.893	0.488	0.412	0.391	0.382	0.393	0.380	0.488	0.388	9
10	0.690E	0.474	0.481	0.878	0.458	0.412	0.380	0.384	0.388	0.385	0.473	0.384	10
11	0.670E	0.481	0.463	0.783	0.451	0.410	0.391	0.381	0.400	0.382	0.488	0.381	11
12	0.682A	0.488	0.463	0.780	0.448	0.408	0.388	0.374	0.374	0.385	0.481	0.388	12
13	0.640	0.482	0.463	0.767	0.450	0.408	0.387	0.378	0.374	0.381	0.443	0.388	13
14	0.606	0.473	0.512	0.780	0.447	0.404	0.388	0.380	0.372	0.384	0.430	0.388	14
15	0.582	0.478	1.21	0.841	0.447	0.405	0.388	0.378	0.372	0.382	0.438	0.387	15
16	0.558	0.488	0.983	0.828	0.444	0.433	0.384	0.378	0.373	0.385	0.478	0.383	16
17	0.533	0.480	0.887	1.02	0.441	0.448	0.388	0.378	0.370	0.382	0.481	0.383	17
18	0.525	0.485	0.782	0.883	0.438	0.438	0.384	0.378	0.384	0.380	0.482	0.384	18
19	0.522	0.474	0.702	0.845	0.442	0.423	0.388	0.373	0.382	0.358	0.483	0.381	19
20	0.516	0.470	0.644	0.784	0.450	0.418	0.383	0.378	0.349	0.382	0.480	0.384	20
21	0.510	0.474	0.598	0.707	0.481	0.415	0.380	0.378	0.383	0.388	0.884	0.380	21
22	0.510	0.488	0.563	0.670	0.458	0.412	0.383	0.378	0.372	0.388	0.510	0.381	22
23	0.513	0.484	0.550	0.628	0.454	0.418	0.383	0.383	0.384	0.380	0.471	0.383	23
24	0.508	0.487	0.545	0.581	0.448	0.409	0.381	0.378	0.385	0.359	0.438	0.381	24
25	0.504	0.488	0.578	0.578	0.444	0.408	0.381	0.377	0.386	0.389	0.425	0.383	25
26	0.502	0.483	0.883	0.588	0.437	0.404	0.384	0.374	0.380	0.380	0.414	0.382	26
27	0.507	0.472	2.03	0.582	0.431	0.406	0.384	0.378	0.387	0.385	0.412	0.385	27
28	0.515	0.470	3.50	0.532	0.428	0.400	0.384	0.378	0.380	0.388	0.483	0.381	28
29	0.503		3.23	0.518	0.425	0.398	0.380	0.378	0.379	0.384	0.459	0.384	29
30	0.511		2.21	0.508	0.424	0.398	0.373	0.373	0.351	0.389	0.438	0.388	30
31	0.538		1.88		0.421		0.378	0.374		0.371		0.383	31
TOTAL	16.835	13.602	28.307	30.208	14.113	12.410	11.884	11.742	11.184	11.218	13.817	12.034	TOTAL
MEAN	0.548	0.493	0.913	1.01	0.455	0.414	0.387	0.378	0.373	0.362	0.484	0.388	MEAN
MAX	0.730	0.517	3.50	2.49	0.501	0.448	0.400	0.393	0.400	0.371	0.881	0.432	MAX
MIN	0.480	0.448	0.458	0.508	0.421	0.388	0.373	0.372	0.349	0.352	0.388	0.380	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.516
MAXIMUM DAILY, 3.50 ON MAR 28
MINIMUM DAILY, 0.349 ON SEP 30
MAXIMUM INSTANTANEOUS,
5.13 AT 19:26 EST ON MAR 28

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 39 06 N
LONG 81 59 15 W
DRAINAGE AREA, 17.8 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 480	JUL	1 040
FEB	1 190	AUG	1 010
MAR	2 490	SEP	987
APR	2 610	OCT	988
MAY	1 220	NOV	1 200
JUN	1 070	DEC	1 040

TOTAL DISCHARGE, 16 200 dam³

BLUE SPRINGS CREEK NEAR EDEN MILLS - STATION NO. 02GA031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.415	0.845	0.328	0.848	0.513	0.879	0.380E	0.185E	0.180E	0.131E	0.184	0.278	1
2	0.382	0.878	0.314	0.728	0.533	1.12	0.430E	0.188E	0.200E	0.138E	0.188	0.285	2
3	0.348	0.874	0.328	0.809	0.613	1.24	0.370E	0.187E	0.270E	0.178E	0.188	0.268	3
4	0.320	0.830	0.310	1.12	0.533	1.18	0.380E	0.170E	0.180E	0.160E	0.187	0.238	4
5	0.318	0.348	0.213	1.22	0.482	1.10	0.328E	0.380E	0.188E	0.148E	0.182	0.231	5
6	0.313	0.317	0.211	1.07	0.648	0.848	0.315E	0.300E	0.180E	0.185E	0.214	0.228	6
7	0.307	0.311	0.211	0.949	0.528	0.888	0.335E	0.260E	0.180E	0.182E	0.232	0.233	7
8	0.400	0.285	0.204	0.851	0.503	0.887	0.380E	0.170E	0.158E	0.180E	0.270	0.228	8
9	0.481	0.282	0.215	0.748	0.474	1.17	0.320E	0.215E	0.153E	0.153E	0.288	0.213	9
10	0.488	0.287	0.225	0.681	0.438	1.19	0.300E	0.180E	0.188E	0.171	0.274	0.207	10
11	0.419	0.279	0.225	0.860	0.433	0.954	0.280E	0.185E	0.185E	0.230	0.247	0.209	11
12	0.386	0.278	0.228	0.809	0.832	0.788	0.264E	0.160E	0.180E	0.213	0.244	0.203	12
13	0.436	0.278	0.228	0.815	0.816	0.684	0.262E	0.183E	0.150E	0.188	0.230	0.200	13
14	0.398	0.288	0.259	0.825	0.707	0.630	0.270E	0.173E	0.148E	0.188	0.258	0.195	14
15	0.388	0.394	0.788	0.774	0.587	0.597	0.350E	0.230E	0.150E	0.183	0.588	0.188	15
16	0.370	0.288	0.808	0.852	0.818	0.588	0.280E	0.280E	0.170E	0.184	0.830	0.188	16
17	0.348	0.278	0.863	0.718	0.487	0.599	0.220E	0.240E	0.200E	0.205	0.833	0.188	17
18	0.338	0.284	0.438	0.713	0.435	0.695	0.200E	0.210E	0.180E	0.215	0.588	0.188	18
19	0.382	0.248	0.401	0.883	0.418	0.631	0.201E	0.180E	0.180A	0.208	0.398	0.182	19
20	0.332	0.258	0.388	0.831	0.414	0.883	0.210E	0.170E	0.150E	0.281	0.377	0.188	20
21	0.308	0.261	0.348	0.880	0.478	0.710	0.280E	0.210E	0.135E	0.278	0.442	0.183	21
22	0.292	0.253	0.315	0.837	0.447	0.848	0.330E	0.180E	0.140E	0.281	0.355	0.181	22
23	0.285	0.254	0.288	0.498	0.408	0.888	0.240E	0.185E	0.245E	0.221	0.285	0.184	23
24	0.288	0.241	0.308	0.474	0.387	0.829	0.180E	0.180E	0.200E	0.204	0.271	0.182	24
25	0.298	0.252	0.457	0.480	0.384	0.878	0.188E	0.177A	0.188E	0.187	0.284	0.188	25
26	0.374	0.238	1.01	0.488	0.425	0.813	0.170E	0.188E	0.148E	0.188	0.280	0.188	26
27	0.518	0.233	1.47	0.481	0.432	0.881	0.200E	0.210E	0.182E	0.188	0.285	0.180	27
28	0.488	0.230	1.87	0.478	0.401	0.812	0.340E	0.180E	0.142E	0.182	0.288	0.178	28
29	0.482		2.51	0.488	0.350	0.488	0.250E	0.185E	0.135E	0.184	0.285	0.173	29
30	0.854		2.11	0.508	0.499	0.423	0.210E	0.180E	0.130E	0.188	0.309	0.170	30
31	0.788		1.28		0.845		0.178E	0.148E		0.185		0.178	31
TOTAL	12.288	8.050	18.703	20.888	15.437	23.844	8.532	8.078	5.037	5.838	10.173	6.378	TOTAL
MEAN	0.388	0.323	0.803	0.896	0.498	0.795	0.275	0.188	0.188	0.182	0.338	0.208	MEAN
MAX	0.788	0.845	2.51	1.22	0.818	1.24	0.430	0.380	0.270	0.278	0.833	0.278	MAX
MIN	0.288	0.230	0.204	0.488	0.350	0.423	0.165	0.148	0.130	0.131	0.187	0.170	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.389
MAXIMUM DAILY, 2.51 ON MAR 29
MINIMUM DAILY, 0.130E ON SEP 30
MAXIMUM INSTANTANEOUS,
2.56 AT 15:41 EST ON MAR 28

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 34 35 N
LONG 80 05 35 W
DRAINAGE AREA, 44.5 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 080	JUL	737
FEB	782	AUG	535
MAR	1 820	SEP	435
APR	1 900	OCT	513
MAY	1 330	NOV	879
JUN	2 030	DEC	551

TOTAL DISCHARGE, 13 200 dam³

BLYTH BROOK BELOW BLYTH - STATION NO. 02FE014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.14 B	3.55	0.3158	1.85	0.357	0.842	0.184	0.021	0.098	0.088	0.088	0.089	1
2	0.9508	1.85 B	0.3108	1.41	0.342	0.438	0.155	0.020	0.071	0.085	0.142	0.8008	2
3	0.8908	1.22 B	0.3208	1.95	0.304	0.485	0.148	0.018	0.081	0.072	0.180	0.8658	3
4	0.8458	0.8208	0.3558	2.25	0.308	0.478	0.142	0.128	0.044	0.078	0.144	0.8058	4
5	0.8058	0.8408	0.4858	1.78	0.338	0.395	0.131	0.148	0.042	0.080	0.148	0.8508	5
6	0.7808	0.5758	0.3848	1.50	0.434	0.328	0.118	0.088	0.041	0.108	0.181	0.814	6
7	0.818	0.5328	0.3458	1.32	0.396	0.278	0.107	0.051	0.043	0.118	0.228	0.4058	7
8	8.04	0.4058	0.3608	1.11	0.445	0.237	0.094	0.043	0.045	0.142	0.282	0.3618	8
9	3.90 B	0.3708	0.3408	0.984	0.394	0.228	0.082	0.040	0.063	0.127	0.258	0.4008	9
10	1.94 B	0.3508	0.3258	0.898	0.352	0.236	0.078	0.037	0.089	0.210	0.284	0.4158	10
11	1.28 B	0.3448	0.3808	1.18	0.338	0.220	0.088	0.037	0.083	0.280	0.258	0.3858	11
12	1.52 B	0.3468	0.7308	1.53	0.473	0.192	0.083	0.037	0.047	0.179	0.253	0.3358	12
13	1.47 B	0.3808	0.8358	1.58	0.888	0.188	0.081	0.035	0.043	0.142	0.229	0.3158	13
14	1.81 B	0.3828	1.38 B	2.02	0.538	0.186	0.081	0.035	0.044	0.110	0.284	0.3008	14
15	0.9808	0.4508	8.70 B	3.51	0.483	0.278	0.069	0.050	0.045	0.091	0.857	0.2888	15
16	0.850	0.4008	2.42 B	2.38	0.407	1.10	0.068	0.048	0.048	0.081	2.08	0.2778	16
17	0.774	0.3738	1.61 B	1.73	0.348	0.700	0.070	0.042	0.120	0.072	1.30	0.2688	17
18	0.749	0.3528	1.29 B	1.58	0.314	0.538	0.069	0.038	0.043	0.077	0.894	0.2808	18
19	0.851	0.3348	0.8908	1.24	0.284	0.407	0.059	0.132	0.082	0.081	0.738	0.2658	19
20	0.7258	0.3188	0.8658	0.987	0.301	2.28	0.032	0.078	0.055	0.093	2.03	0.2498	20
21	0.6708	0.3158	0.7258	0.845	0.382	5.46	0.032	0.047	0.050	0.103	2.46	0.2418	21
22	0.6458	0.3228	0.6208	0.706	0.324	1.78	0.025	0.058	0.056	0.115	1.29	0.2358	22
23	0.8278	0.3248	0.5008	0.633	0.288	1.02	0.028	0.052	0.094	0.109	0.919	0.2308	23
24	0.715	0.3258	1.90	0.567	0.255	0.700	0.031	0.045	0.057	0.101	0.761	0.2278	24
25	0.6808	0.3158	4.88	0.534	0.272	0.490	0.032	0.040	0.080	0.091	0.880	0.2228	25
26	1.58	0.3108	4.83	0.505	0.389	0.388	0.029	0.038	0.071	0.087	0.988	0.2208	26
27	1.34	0.3108	5.40	0.484	0.306	0.319	0.031	0.034	0.062	0.080	1.40	0.2188	27
28	1.04	0.3128	7.20	0.398	0.247	0.279	0.032	0.035	0.061	0.080	4.55	0.2158	28
29	1.22		6.58	0.377	0.219	0.323	0.030	0.049	0.083	0.082	2.19	0.2128	29
30	2.79		3.21	0.381	0.448	0.195	0.030	0.088	0.080	0.087	1.36	0.2108	30
31	2.71		2.23		0.822		0.025	0.054		0.090		0.7808	31
TOTAL	42.932	16.527	59.264	37.889	11.749	21.182	2.080	1.831	1.852	3.288	27.347	11.841	TOTAL
MEAN	1.38	0.590	1.91	1.26	0.379	0.705	0.067	0.063	0.062	0.106	0.912	0.378	MEAN
MAX	8.04	3.55	7.20	3.51	0.822	5.46	0.184	0.148	0.120	0.280	4.55	0.988	MAX
MIN	0.827	0.310	0.310	0.381	0.219	0.188	0.025	0.019	0.041	0.053	0.088	0.210	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.850
MAXIMUM DAILY, 7.20 ON MAR 28
MINIMUM DAILY, 0.019 ON AUG 3
MAXIMUM INSTANTANEOUS,
8.72 AT 01:15 EST ON MAR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 45 38 N
LONG 81 27 48 W
DRAINAGE AREA, 77.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 710	JUL	181
FEB	1 430	AUG	141
MAR	5 120	SEP	160
APR	3 270	OCT	284
MAY	1 020	NOV	2 360
JUN	1 830	DEC	1 010

TOTAL DISCHARGE, 20 800 dam³

BOB CREEK NEAR MINDEN - STATION NO. 02HF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1158	0.1378	0.0738	1.96 E	0.281E	0.067E	0.018E	0	0	0	0.084	0.4708	1
2	0.1318	0.1248	0.0718	0.890E	0.288E	0.058	0.015E	0	0	0	0.128	0.4058	2
3	0.1268	0.1188	0.0708	1.31 E	0.823E	0.051	0.012E	0	0	0.001	0.188	0.3538	3
4	0.1248	0.1128	0.0688	1.47 E	0.640E	0.055	0.010E	0	0	0	0.188	0.3148	4
5	0.1228	0.1078	0.0668	2.21 E	0.532E	0.054	0.008E	0	0	0	0.188	0.2878	5
6	0.1208	0.1018	0.0658	2.82 E	0.888E	0.053	0.007E	0	0	0.001	0.248	0.2678	6
7	0.1488	0.0988	0.0638	3.08 E	1.31 E	0.040	0.006E	0	0	0.007	0.330	0.2358	7
8	0.2118	0.0958	0.0628	2.83 E	1.14 E	0.031E	0.003E	0	0	0.001	0.307	0.2128	8
9	0.2488	0.0928	0.0608	1.22 E	0.888E	0.027E	0.001E	0	0	0	0.300	0.1918	9
10	0.2268	0.0908	0.0598	0.805E	0.587E	0.078E	0 E	0	0	0.001	0.378	0.1768	10
11	0.2158	0.0878	0.0578	0.370E	0.405E	0.083E	0.002	0	0	0.018E	0.488	0.1628	11
12	0.2208	0.0858	0.0548	0.308E	0.417E	0.081E	0	0	0	0.009E	0.420	0.1488	12
13	0.218	0.0838	0.0558	0.252E	0.572E	0.062E	0	0	0	0.001E	0.336	0.1388	13
14	0.210	0.0878	0.1378	0.334E	0.876E	0.037E	0	0	0	0	0.339	0.1268	14
15	0.202	0.0988	0.3628	0.585E	0.392E	0.030E	0	0.002	0	0.008E	0.387	0.1188	15
16	0.187	0.0818	0.533E	0.885E	0.287E	0.023E	0	0.002	0	0.028E	0.784	0.1138	16
17	0.1868	0.0868	0.426E	1.08	0.208E	0.047E	0	0	0	0.021E	1.55	0.1088	17
18	0.1938	0.0858	0.330E	1.30 E	0.167E	0.048E	0	0	0	0.057E	1.15	0.1008	18
19	0.1888	0.0628	0.288E	1.17 E	0.140E	0.034E	0	0	0	0.038E	0.744	0.0878	19
20	0.1918	0.0808	0.226E	0.923E	0.139E	0.033E	0	0.001	0	0.065	0.588	0.0848	20
21	0.1808	0.0838	0.198E	0.842E	0.188E	0.088E	0	0.003	0	0.077	0.480E	0.0818	21
22	0.1718	0.0888	0.182E	0.784E	0.163E	0.048E	0	0	0.001	0.103	0.385E	0.0878	22
23	0.1638	0.0858	0.227E	0.865E	0.134E	0.032E	0	0	0.010	0.181	0.347	0.0858	23
24	0.1608	0.0838	0.785E	0.673E	0.107E	0.023E	0	0	0.005	0.144	0.295E	0.0838	24
25	0.1578	0.0818	2.04 E	0.502E	0.088E	0.017E	0	0	0	0.089	0.267E	0.0808	25
26	0.1548	0.0798	2.40 E	0.482E	0.088E	0.018E	0	0	0.005	0.087	0.258	0.0788	26
27	0.1488	0.0788	1.75 E	0.452E	0.082E	0.018E	0	0	0.001	0.088	0.255	0.0788	27
28	0.1348	0.0788	0.722E	0.414E	0.053E	0.023E	0	0	0	0.052	0.404	0.0748	28
29	0.1248		0.655E	0.378E	0.032E	0.021E	0	0	0	0.043	0.805E	0.0738	29
30	0.1188		0.690E	0.314E	0.030E	0.021E	0	0	0	0.040	0.540E	0.0728	30
31	0.1288		1.71 E		0.048E		0	0		0.050		0.0718	31
TOTAL	5.227	2.588	14.848	30.848	11.418	1.238	0.081	0.008	0.022	1.128	13.189	4.874	TOTAL
MEAN	0.168	0.092	0.473	1.03	0.368	0.041	0.003	0	0.001	0.036	0.439	0.180	MEAN
MAX	0.248	0.137	2.40	3.08	1.31	0.078	0.018	0.003	0.010	0.181	1.55	0.470	MAX
MIN	0.118	0.078	0.058	0.252	0.030	0.018	0	0	0	0	0.084	0.071	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.234
MAXIMUM DAILY, 3.08E ON APR 7
MINIMUM DAILY, 0E ON JUL 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 55 07 N
LONG 78 46 07 W
DRAINAGE AREA, 21.6 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	452	JUL	7.00
FEB	224	AUG	0.88
MAR	1 270	SEP	1.80
APR	2 870	OCT	97.5
MAY	987	NOV	1 140
JUN	107	DEC	430

TOTAL DISCHARGE, 7 390 dam³

BONNECHERE RIVER NEAR CASTLEFORD - STATION NO. 02KC009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.85	9.30B	8.30B	31.2	18.2	14.8	18.4	4.67	4.41	2.63	5.40	9.80B	1
2	8.42	9.65B	8.80B	29.2	13.3	14.8	12.6	4.00	4.83	2.80	5.42	8.40B	2
3	8.56	9.60B	8.30B	26.2	16.3	13.8	10.8	3.88	5.01	4.05	5.21	8.50B	3
4	9.89	9.35B	4.70B	31.1	17.8	15.8	9.29	5.67	4.84	3.05	5.48	8.50B	4
5	8.37	9.25B	8.00B	34.2	18.8	17.7	8.88	4.34	5.84	3.04	4.71	8.85B	5
6	9.77	8.20B	7.70B	32.4	18.7	18.2	7.98	5.05	5.45	3.80	4.80	9.50B	6
7	10.1	10.5 B	9.40B	30.7	22.3	16.1	8.52	5.13	3.55	3.81	5.61	9.60B	7
8	11.6 B	10.4 B	9.50B	28.8	33.3	14.8	7.87	8.38	3.48	3.87	8.89	8.80B	8
9	14.2 B	10.3 B	9.80B	27.4	31.7	16.4	7.41	4.38	2.90	2.88	7.78	7.98B	9
10	11.5 B	10.1 B	9.70B	28.0	28.4	18.7	13.9	4.03	3.38	4.30	7.86	8.30B	10
11	9.70B	10.0 B	9.60B	25.0	27.8	26.8	16.8	3.38	5.41	4.33	8.84	8.50B	11
12	9.60B	10.0 B	9.80B	24.4	28.5	21.5	11.8	3.84	8.40	3.62	9.00	8.70B	12
13	9.85B	9.80B	9.80B	24.2	35.7	18.3	8.93	3.42	2.84	3.51	10.8	7.45B	13
14	7.34B	10.8 B	11.5 B	23.6	43.2	20.2	7.84	5.47	4.11	4.08	10.2	7.80B	14
15	7.45B	11.8 B	83.3 B	24.0	46.7	20.0	7.74	4.88	4.02	3.10	14.7	8.20B	15
16	7.80B	12.5 B	40.4 B	23.1	44.7	18.7	7.88	5.00	2.84	3.48	21.0	7.70B	16
17	7.70B	8.50B	32.0 B	23.7	43.8	20.8	8.01	3.71	3.31	5.80	21.9	7.09B	17
18	7.95B	8.80B	28.0 B	23.9	42.9	25.0	7.84	3.34	5.14	3.32	18.4	8.10B	18
19	8.15B	7.80B	18.5 B	23.7	41.4	26.4	8.85	3.82	3.90	3.78	16.1	7.80B	19
20	8.20B	7.30B	14.2 B	23.4	40.4	24.2	5.75	3.05	4.88	4.87	14.1	8.10B	20
21	7.70B	8.40B	12.8 B	23.3	39.8	23.8	6.18	4.20	3.72	5.74	14.8 B	9.20B	21
22	7.28B	8.20B	11.2 B	22.6	38.6	22.8	5.58	3.58	5.36	7.13	13.0 B	9.15B	22
23	6.80B	8.00B	10.4 B	22.0	38.3	22.5	5.63	4.82	28.1	8.05	12.7 B	7.80B	23
24	6.55B	8.40B	12.4 B	19.5	36.8	22.3	6.22	2.88	11.4	5.89	12.3 B	7.85B	24
25	6.30B	8.70B	24.4 B	20.0	35.6	21.7	5.88	4.15	8.77	4.80	11.2 B	7.70B	25
26	7.15B	8.20B	84.5 B	20.0	32.1	20.8	5.60	3.53	4.81	4.44	10.3 B	8.30B	26
27	8.15B	7.00B	80.8 B	18.2	33.8	20.4	5.14	2.82	5.22	5.35	9.00B	8.85B	27
28	9.10B	8.20B	85.4 B	16.8	33.2	19.6	6.05	3.70	4.18	4.80	10.0 B	8.40B	28
29	8.80B		74.5 B	14.4	32.1	18.6	5.87	3.70	3.78	4.50	9.90B	8.40B	29
30	9.00B		49.7	14.8	31.2	17.7	5.88	3.40	3.41	4.35	10.1 B	8.40B	30
31	8.90B		37.8		28.7		8.12	3.27		4.80		8.45B	31
TOTAL	271.80	247.25	711.00	726.8	865.8	580.7	258.82	126.86	159.48	132.09	325.28	259.30	TOTAL
MEAN	8.77	8.83	22.9	24.2	31.8	19.7	8.34	4.08	5.32	4.28	10.8	8.36	MEAN
MAX	14.2	12.5	84.5	34.2	46.7	26.4	16.8	6.38	28.1	7.13	21.9	9.80	MAX
MIN	6.30	5.70	4.70	14.4	13.3	13.8	5.63	2.82	2.84	2.63	4.71	7.09	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.1
MAXIMUM DAILY, 74.5B ON MAR 29
MINIMUM DAILY, 2.63 ON OCT 1

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 28 49 N
LONG 76 33 50 W
DRAINAGE AREA, 2 380 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	23 500	JUL	22 300
FEB	21 400	AUG	10 800
MAR	61 400	SEP	13 800
APR	62 800	OCT	11 400
MAY	85 200	NOV	28 100
JUN	51 000	DEC	22 400

TOTAL DISCHARGE, 414 000 dam³

BOWMANVILLE CREEK AT BOWMANVILLE - STATION NO. 02HD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.26 B	1.20 B	0.557B	1.34E	1.28	1.75 E	0.601	0.632	1.78	0.848	1.18	1.14 B	1
2	1.20 B	1.05 B	0.550B	1.22E	1.80	2.10 E	0.618	0.671	1.23	0.841	1.03	1.36 B	2
3	1.16 B	0.980B	0.547B	2.20E	1.82	1.33	0.604	0.554	0.888	0.826	1.20	1.15 B	3
4	1.10 B	0.880B	0.542B	4.72E	1.43	1.32	0.648	0.693	0.815	0.893	0.915	1.09 B	4
5	1.06 B	0.830B	0.540B	2.31	1.78	0.986	0.565	1.07	0.835	0.873	0.898	1.05 B	5
6	1.04 B	0.760B	0.538B	1.81	2.80 E	0.812	0.581	0.831	0.822	0.895	1.18	1.25 B	6
7	2.00 B	0.740B	0.536B	1.82	3.50 E	0.822	0.584	0.822	0.788	0.888	1.36	1.07 B	7
8	4.00 B	0.700B	0.537B	1.45	2.75 E	0.826	0.583	0.821	0.868	0.858	1.92	0.975B	8
9	2.15 B	0.670B	0.536B	1.15	1.74	0.828	0.528	0.838	0.798	0.850	1.89	0.925B	9
10	1.88 B	0.650B	0.538B	1.23	1.43	0.877	0.650	0.847	0.716	0.780	1.38	1.32 B	10
11	1.85 B	0.630B	0.524B	1.63	1.54	0.834	0.586	0.848	0.790	1.23	1.35	0.940B	11
12	2.00 B	0.610B	0.523B	1.04	2.70 E	0.782	0.536	0.865	0.878	0.828	1.12	0.861B	12
13	1.50 B	0.600B	0.532B	1.56	3.80 E	0.721	0.544	0.509	0.850	0.812	1.08	0.800B	13
14	1.30 B	0.590B	1.80 B	1.26	1.60	0.885	0.585	0.858	0.701	1.44	0.988	0.785B	14
15	1.05 B	1.30 B	6.84 B	1.89	1.48	0.990	0.553	0.877	0.743	1.36	4.88	0.735B	15
16	0.970B	0.880B	1.00 B	1.53	1.33	0.718	0.558	0.808	0.788	1.43	5.18	0.705B	16
17	0.900B	0.820B	0.840B	1.54	1.20	1.60 E	0.828	0.585	0.886	1.13	2.80	0.880B	17
18	0.850B	0.748B	0.780B	1.60	1.08	1.22 E	0.590	0.582	0.886	1.11	1.88	0.888B	18
19	0.818B	0.705B	0.780B	1.34	1.14	0.806	0.558	0.524	0.833	0.921	1.45	0.848B	19
20	0.798B	0.670B	0.740B	1.23	1.13	1.50 E	0.554	0.642	0.842	1.39	4.76	0.830B	20
21	0.950B	0.648B	0.730B	1.21	1.40	3.00 E	0.628	0.785	0.834	1.37	3.87	0.818B	21
22	0.880B	0.628B	0.720B	1.09	1.03	2.18 E	0.808	0.851	0.886	1.20	1.74 B	0.800B	22
23	0.818B	0.610B	0.710B	1.02	1.04	1.80 E	0.588	0.872	2.95	0.882	1.55 B	0.780B	23
24	0.780B	0.588B	1.25 B	1.05	0.881	1.13	0.582	0.811	0.981	0.889	1.48 B	0.880B	24
25	0.850B	0.588B	3.08 B	1.18	0.849	0.808	0.553	0.849	0.829	0.899	1.38	0.670B	25
26	1.10 B	0.578B	8.17	1.21	1.18	0.849	0.594	0.873	0.723	0.862	1.31	0.880B	26
27	1.05 B	0.558B	4.22	1.18	0.848	0.886	0.588	0.843	0.748	0.845	1.38	0.860B	27
28	1.12 B	0.580B	4.01	1.11	0.882	0.846	0.870	0.858	0.820	0.787	2.38	0.848B	28
29	2.00 B		3.62 E	1.13	0.884	0.851	0.497	0.807	0.885	0.800	1.23 B	0.830B	28
30	4.00 B		1.45 E	1.84	0.886	0.813	0.497	0.810	0.868	0.773	1.17 B	0.838B	30
31	1.70 B		1.82 E		1.24		0.514	0.588		0.818		0.880B	31
TOTAL	46.021	20.880	45.880	44.80	48.877	33.305	17.784	19.197	25.363	28.130	55.823	25.131	TOTAL
MEAN	1.42	0.748	1.81	1.50	1.57	1.11	0.574	0.619	0.845	0.907	1.88	0.811	MEAN
MAX	4.00	1.30	8.54	4.72	3.80	3.00	0.870	1.07	3.08	1.43	5.18	1.36	MAX
MIN	0.750	0.580	0.532	1.02	0.849	0.813	0.497	0.509	0.819	0.849	0.898	0.535	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.12
MAXIMUM DAILY, 8.54B ON MAR 15
MINIMUM DAILY, 0.497 ON JUL 29
MAXIMUM INSTANTANEOUS,
11.3B AT 22:30 EST ON MAR 25

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 55 18 N
LONG 78 42 09 W
DRAINAGE AREA, 82.8 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 800	JUL	1 840
FEB	1 800	AUG	1 880
MAR	4 080	SEP	2 180
APR	3 880	OCT	2 430
MAY	4 210	NOV	4 800
JUN	2 880	DEC	2 170

TOTAL DISCHARGE, 35 400 dam³

BRIGHTSAND RIVER AT MOBERLEY - STATION NO. 04GB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.98E	7.98	8.88	8.38	18.8	24.8	13.8	8.83	7.82	7.02	8.30	8.88	1
2	8.97E	7.83	8.77	8.41	18.8	23.8	13.7	8.80	7.88	8.74	8.27	8.00	2
3	8.98E	7.81	8.74	8.42	20.7	22.8	13.7	8.78	7.82	8.84	8.28	8.08	3
4	8.93E	7.78	8.78	8.43	23.8	21.8	13.8	8.74	7.87	8.81	8.28	8.04	4
5	8.90E	7.89	8.83	8.46	28.8	21.4	13.7	8.88	8.08	7.01	8.21	8.08	5
6	8.88E	7.48	8.83	8.49	28.8	20.8	15.8	8.48	8.13	8.88	8.18	8.02	6
7	8.87E	7.38	8.80	8.83	31.2	20.3	17.8	8.38	8.07	8.88	8.18	8.00	7
8	8.88E	7.23	8.88	8.88	32.0	20.8	18.8	8.34	7.80	7.14	8.12	8.87	8
9	8.88E	7.02	8.87	8.88	32.8	20.3	18.0	8.28	7.88	7.18	8.07	8.01	9
10	8.84E	8.88	8.84	8.78	34.0	20.0	18.7	8.18	7.27	7.13	8.00	8.03	10
11	8.83E	8.83	8.88	8.78	38.3	19.8	18.8	8.08	7.07	7.28	8.03	8.00E	11
12	8.82E	7.00	8.48	8.87	38.3	19.2	18.4	8.81	7.10	7.25	8.08	8.87E	12
13	8.81E	7.08	8.88	8.92	38.8	18.8	17.7	8.44	7.28	7.43	8.15	8.83E	13
14	8.80E	8.85	8.87	8.98	37.8	18.2	17.3	8.87	8.88	7.87	8.14	8.80E	14
15	8.79E	8.88	8.83	8.84	37.7	17.8	18.7	8.83	7.21	7.87	8.10	8.88E	15
16	8.78E	8.83	8.80	8.12	37.8	17.4	18.1	8.88	8.84	7.88	8.08	8.84E	16
17	8.77E	8.81	8.42	8.18	36.8	16.8	15.3	8.33	7.24	7.88	8.07	8.81E	17
18	8.78E	8.43	8.42E	8.28	36.8	16.1	14.8	8.18	7.40	7.48	8.03	8.78E	18
19	8.78E	8.40	8.42E	8.32	34.2	15.8	14.0	8.82	7.04	7.37	8.08	8.78E	19
20	8.72	8.41	8.41E	8.37	33.8	15.4	13.7	8.48	8.88	7.31	8.04	8.72E	20
21	8.82	8.38	8.41E	8.42	33.8	14.8	13.3	8.38	8.88	7.22	8.02	8.70E	21
22	8.83	8.28	8.40E	8.48	34.8	13.7	12.7	8.88	8.73	8.88	8.00	8.88E	22
23	8.88	8.19	8.40E	8.80	34.1	13.4	13.2	8.88	8.78	8.88	8.00	8.83F	23
24	8.48	8.18	8.38E	8.88	33.8	13.2	11.8	8.87	7.07	8.88	8.88	8.81E	24
25	8.38	8.21	8.38E	7.12	32.8	13.2	11.2	8.83	7.13	8.88	8.87	8.88E	25
26	8.38	8.08	8.38E	8.12	30.3	13.2	10.7	8.88	7.15	8.88	8.88	8.88E	26
27	8.40	8.00	8.38E	8.44	28.7	13.0	10.1	8.82	7.27	8.82	8.82	8.83E	27
28	8.38	8.87	8.37E	11.2	26.7	13.0	9.81	8.43	7.13	8.83	8.87	8.81E	28
29	8.38		8.38E	12.8	27.8	12.8	8.88	8.31	7.02	8.88	8.83	8.48E	29
30	8.17		8.38E	14.7	26.8	13.2	8.10	8.12	7.00	8.43	8.88	8.48E	30
31	8.12		8.38		25.8		8.84	8.03		8.37		8.44E	31
TOTAL	269.21	191.20	170.73	205.35	985.3	524.8	439.81	269.21	218.82	218.18	182.20	178.88	TOTAL
MEAN	8.88	8.83	8.51	8.88	31.1	17.5	14.2	8.88	7.28	7.07	8.07	8.80	MEAN
MAX	8.88	7.88	8.88	14.7	37.8	24.8	18.8	8.87	8.13	7.87	8.30	8.85	MAX
MIN	8.12	8.87	8.38	8.38	18.8	12.8	8.84	8.03	8.73	8.37	8.87	8.44	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.8
MAXIMUM DAILY, 37.8 ON MAY 14
MINIMUM DAILY, 8.38 ON MAR 31
MAXIMUM INSTANTANEOUS,
38.0 AT 14:81 EST ON MAY 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 37 28 N
LONG 90 34 18 W
DRAINAGE AREA, 1 170 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	23 300	JUL	35 000
FEB	18 500	AUG	23 300
MAR	14 800	SEP	18 900
APR	17 700	OCT	18 900
MAY	83 400	NOV	15 700
JUN	45 300	DEC	15 500

TOTAL DISCHARGE, 331 000 dam³

BRONTE CREEK AT CARLISLE - STATION NO. 02HB022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	0.278	0.283	0.230	0.308	0.788	1
2	---	---	---	---	---	---	---	0.271	0.312	0.218	0.298	0.881	2
3	---	---	---	---	---	---	---	0.282	0.301	0.218	0.285	0.8208	3
4	---	---	---	---	---	---	---	0.310	0.281	0.220	0.288	0.8408	4
5	---	---	---	---	---	---	---	0.348	0.248	0.212	0.272	0.8208	5
6	---	---	---	---	---	---	---	0.313	0.235	0.212	0.337	0.8008	6
7	---	---	---	---	---	---	---	0.288	0.238	0.220	0.482	0.4808	7
8	---	---	---	---	---	---	---	0.278	0.238	0.213	0.880	0.4708	8
9	---	---	---	---	---	---	---	0.275	0.240	0.214	0.708	0.4808	9
10	---	---	---	---	---	---	---	0.277	0.238	0.241	0.890	0.4808	10
11	---	---	---	---	---	---	---	0.277	0.240	0.324	0.827	0.4488	11
12	---	---	---	---	---	---	---	0.281	0.213	0.310	0.585	0.4388	12
13	---	---	---	---	---	---	---	0.278	0.208	0.273	0.514	0.4308	13
14	---	---	---	---	---	---	---	0.273	0.241	0.254	0.494	0.4288	14
15	---	---	---	---	---	---	---	0.442	0.239	0.232	0.873	0.4208	15
16	---	---	---	---	---	---	---	0.882	0.263	0.228	1.58	0.4188	16
17	---	---	---	---	---	---	---	0.527	0.288	0.243	1.47	0.4188	17
18	---	---	---	---	---	---	0.278A	0.391	0.284	0.288	1.38	0.4188	18
19	---	---	---	---	---	---	0.288	0.380	0.233	0.321	1.18	0.4148	19
20	---	---	---	---	---	---	0.324	0.384	0.213	0.470	1.01	0.4128	20
21	---	---	---	---	---	---	0.333	0.378	0.208	0.477	0.8208	0.4108	21
22	---	---	---	---	---	---	0.328	0.361	0.247	0.464	0.7408	0.4088	22
23	---	---	---	---	---	---	0.317	0.343	0.406	0.403	0.6508	0.4068	23
24	---	---	---	---	---	---	0.288	0.328	0.292	0.361	0.6008	0.4048	24
25	---	---	---	---	---	---	0.328	0.311	0.256	0.344	0.5708	0.4038	25
26	---	---	---	---	---	---	0.422	0.298	0.288	0.328	0.5808	0.4028	26
27	---	---	---	---	---	---	0.431	0.282	0.218	0.325	0.820	0.4018	27
28	---	---	---	---	---	---	0.388	0.280	0.235	0.322	1.07	0.4008	28
29	---		---	---	---	---	0.341	0.304	0.214	0.318	0.853	0.4408	29
30	---		---	---	---	---	0.309	0.283	0.208	0.304	0.818	0.8208	30
31	---		---		---		0.287	0.280		0.302		0.8808	31
TOTAL	---	---	---	---	---	---	---	10.388	7.582	9.077	21.478	14.814	TOTAL
MEAN	---	---	---	---	---	---	---	0.334	0.252	0.283	0.718	0.488	MEAN
MAX	---	---	---	---	---	---	---	0.882	0.408	0.477	1.58	0.788	MAX
MIN	---	---	---	---	---	---	---	0.280	0.208	0.212	0.272	0.400	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 23 31 N
LONG 79 59 18 W
DRAINAGE AREA, 117 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	888
MAR	---	SEP	853
APR	---	OCT	784
MAY	---	NOV	1 880
JUN	---	DEC	1 280

REMARKS - STATION ACTIVATED IN 1988. REPLACES STATION NO. 02HB018

BUELLS CREEK AT BROCKVILLE - STATION NO. 02MB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	0.150	0.837	0.8488	1
2	---	---	---	---	---	---	---	---	---	0.322	0.408	0.8008	2
3	---	---	---	---	---	---	---	---	---	0.826	0.388	0.6908	3
4	---	---	---	---	---	---	---	---	---	0.483	0.311	0.6268	4
5	---	---	---	---	---	---	---	---	---	0.397	0.282	0.4688	5
6	---	---	---	---	---	---	---	---	---	0.451	0.574	0.4508	6
7	---	---	---	---	---	---	---	---	---	0.378	0.614	0.4218	7
8	---	---	---	---	---	---	---	---	---	0.324	0.825	0.3888	8
9	---	---	---	---	---	---	---	---	---	0.286	0.812	0.3588	9
10	---	---	---	---	---	---	---	---	---	0.274	0.787	0.343	10
11	---	---	---	---	---	---	---	---	---	0.288	0.732	0.335	11
12	---	---	---	---	---	---	---	---	---	0.288	0.738	0.310	12
13	---	---	---	---	---	---	---	---	---	0.288	0.802	0.278	13
14	---	---	---	---	---	---	---	---	---	0.213	0.881	0.255	14
15	---	---	---	---	---	---	---	---	---	0.232	1.85	0.224	15
16	---	---	---	---	---	---	---	---	---	0.587	2.10	0.234	16
17	---	---	---	---	---	---	---	---	---	0.427	1.72	0.228	17
18	---	---	---	---	---	---	---	---	---	0.470	1.58	0.212	18
19	---	---	---	---	---	---	---	---	---	0.385	1.15	0.201	19
20	---	---	---	---	---	---	---	---	---	1.05	1.81	0.192	20
21	---	---	---	---	---	---	---	---	0.110A	0.842	1.85	0.188	21
22	---	---	---	---	---	---	---	---	0.283	0.882	1.14	0.182	22
23	---	---	---	---	---	---	---	---	0.718	0.844	0.923	0.146	23
24	---	---	---	---	---	---	---	---	0.323	0.498	0.778	0.148	24
25	---	---	---	---	---	---	---	---	0.280	0.484	0.698	0.183	25
26	---	---	---	---	---	---	---	---	0.174	0.417	0.871	0.1548	26
27	---	---	---	---	---	---	---	---	0.088E	0.382	0.848	0.1498	27
28	---	---	---	---	---	---	---	---	0.032E	0.373	1.34 B	0.1438	28
29	---		---	---	---	---	---	---	0.057E	0.378	0.8418	0.1388	29
30	---		---	---	---	---	---	---	0.184	0.388	0.7348	0.1278	30
31	---		---		---		---	---		0.449		0.1808	31
TOTAL	---	---	---	---	---	---	---	---	---	13.133	28.849	8.889	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	0.424	0.852	0.287	MEAN
MAX	---	---	---	---	---	---	---	---	---	1.05	2.10	0.845	MAX
MIN	---	---	---	---	---	---	---	---	---	0.150	0.282	0.127	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2.10 ON NOV 16

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 35 09 N
LONG 75 41 32 W
DRAINAGE AREA, 13.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	1 130
MAY	---	NOV	2 470
JUN	---	DEC	768

BURNLEY CREEK ABOVE WARKWORTH - STATION NO. 02HK008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5508	2.50 B	0.3298	1.04	0.704	0.878	0.313	0.184	0.881	0.321	0.812	0.5208	1
2	0.5108	1.80 B	0.3238	1.00	1.04	1.04	0.288	0.184	0.887	0.388	0.780	0.8888	2
3	0.4908	1.80 B	0.3188	1.17	1.78	1.08	0.273	0.203	0.428	0.480	0.880	0.8008	3
4	0.4708	2.30 B	0.3188	2.58	1.08	1.01	0.284	0.281	0.339	0.400	0.898	0.4908	4
5	0.4608	1.30 B	0.3108	2.90	0.905	0.818	0.257	0.501	0.293	0.389	0.857	0.4208	5
6	0.4538	0.8008	0.3078	1.37	1.30	0.882	0.280	0.338	0.272	0.410	0.881	0.5008	6
7	0.4518	0.4908	0.3038	1.04	2.30	0.471	0.268	0.282	0.267	0.409	0.838	0.4108	7
8	0.4508	0.4358	0.3008	0.827	3.17	0.418	0.240	0.242	0.263	0.381	1.33	0.3808	8
9	0.4508	0.4008	0.2948	0.718	1.48	0.498	0.232	0.238	0.260	0.371	1.67	0.3608	9
10	0.8508	0.3858	0.2958	0.685	1.02	3.17	0.224	0.221	0.282	0.380	1.39	0.4608	10
11	0.6708	0.3708	0.2848	0.629	1.00	1.72	0.218	0.221	0.287	0.838	0.841	0.3858	11
12	0.5908	0.3608	0.2938	0.588	2.07	0.788	0.210	0.217	0.280	0.588	0.838	0.3258	12
13	0.5358	0.3528	0.2818	0.613	2.40	0.847	0.211	0.222	0.248	0.494	0.788	0.3008	13
14	0.5078	0.4308	0.8008	0.623	1.28	0.483	0.207	0.218	0.271	0.485	0.724	0.2628	14
15	0.4878	0.8608	7.00 B	0.880	0.815	0.464	0.198	0.208	0.402	0.805	2.03	0.2738	15
16	0.4708	0.8608	3.40 B	0.750	0.783	0.487	0.198	0.238	0.388	1.22	3.26	0.2658	16
17	0.4528	0.5008	1.05 B	0.712	0.737	0.858	0.201	0.214	0.804	0.884	3.00	0.2578	17
18	0.4378	0.4608	0.7108	0.774	0.887	0.818	0.182	0.198	0.448	0.810	1.27	0.2508	18
19	0.4258	0.4258	0.6208	0.740	0.848	0.748	0.181	0.188	0.381	0.883	0.887	0.2488	19
20	0.4188	0.4028	0.5758	0.857	0.820	0.877	0.188	0.223	0.324	1.03	1.58	0.2408	20
21	0.4088	0.3938	0.5508	0.832	0.730	1.48	0.188	0.248	0.298	1.43	2.07 B	0.2348	21
22	0.4008	0.3858	0.5408	0.892	0.878	1.47	0.181	0.228	0.358	1.14	0.8088	0.2298	22
23	0.3928	0.3758	0.5308	0.588	0.881	1.11	0.182	0.442	1.42	0.822	0.7288	0.2248	23
24	0.3868	0.3688	0.5208	0.587	0.848	0.808	0.187	0.372	0.818	0.858	0.818	0.2218	24
25	0.3808	0.3808	0.6008	0.571	0.808	0.880	0.180	0.271	0.888	0.878	0.818	0.2178	25
26	0.3738	0.3528	5.40 B	0.598	0.542	0.585	0.178	0.245	0.437	0.821	0.711	0.2148	26
27	0.3688	0.3478	7.80 B	0.818	0.518	0.478	0.208	0.228	0.382	0.484	0.748	0.2128	27
28	0.3858	0.3408	7.30 B	0.588	0.484	0.418	0.284	0.231	0.382	0.477	1.20 B	0.2078	28
29	0.3628		4.81	0.801	0.432	0.381	0.227	0.240	0.335	0.488	0.8088	0.2088	29
30	0.7008		1.44	0.713	0.443	0.334	0.203	0.300	0.312	0.481	0.7008	0.2038	30
31	1.20 B		1.11		0.508		0.185	0.278		0.488		0.3008	31
TOTAL	16.873	19.448	48.532	28.184	31.883	25.484	6.848	7.883	12.488	19.227	33.787	9.833	TOTAL
MEAN	0.502	0.695	1.57	0.872	1.03	0.848	0.221	0.253	0.415	0.820	1.13	0.317	MEAN
MAX	1.20	2.50	7.80	2.90	3.17	3.17	0.313	0.501	1.42	1.43	3.26	0.588	MAX
MIN	0.382	0.340	0.291	0.587	0.432	0.334	0.178	0.184	0.248	0.331	0.587	0.283	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.704
MAXIMUM DAILY, 7.808 ON MAR 27
MINIMUM DAILY, 0.178 ON JUL 26
MAXIMUM INSTANTANEOUS,
17.08 AT 16:00 EST ON MAR 16

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 11 45 N
LONG 77 54 42 W
DRAINAGE AREA, 82.3 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 350	JUL	591
FEB	1 680	AUG	878
MAR	4 180	SEP	1 080
APR	2 280	OCT	1 680
MAY	2 780	NOV	2 820
JUN	2 300	DEC	848

TOTAL DISCHARGE, 22 200 dam³

BURNT RIVER NEAR BURNT RIVER - STATION NO. 03HF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.4 B	7.50B	5.68B	100	39.0	11.1	8.66	6.50E	5.78E	4.37	9.28	30.2 B	1
2	11.2 B	7.55B	5.50B	86.8	39.1	11.8	8.13	6.14E	7.98E	4.33	11.1	28.7 B	2
3	10.1 B	7.65B	5.46B	73.8	31.4	11.5	7.83	6.80E	8.50E	4.24	11.6	27.1 B	3
4	8.40B	7.55B	5.35B	74.8	38.1	12.2	7.25	6.58E	8.20E	4.00	11.5	24.4 B	4
5	8.95B	7.36B	5.30B	81.4	37.8	12.6	7.14E	6.50E	8.89E	4.11	10.9	22.0 B	5
6	8.65B	7.10B	5.25B	84.4	46.1	13.6	6.54E	6.24E	8.78E	4.84	11.6	20.0 B	6
7	9.00B	6.85B	5.10B	84.3	52.1	13.3	6.89E	6.10E	8.38	5.18	13.7	18.3 B	7
8	8.80B	6.70B	5.05B	76.1	56.1	12.3	14.4 E	7.97E	8.85	5.78	15.2	17.2 B	8
9	12.6 B	6.60B	5.00B	68.5	59.5	13.6	13.2 E	7.40E	8.40	5.85	15.8	16.4 B	9
10	12.2 B	6.35B	4.90B	62.0	64.8	33.8	12.4 E	7.98E	8.22	5.68	17.2	15.4 B	10
11	11.7 B	6.16B	4.88B	61.8	61.6	60.8	11.8 E	8.88E	8.09	5.78	17.5	14.8 B	11
12	11.3 B	6.05B	4.80B	58.2	44.4	55.2	11.2 E	8.90E	8.88	5.88	17.3	13.7 B	12
13	10.5 B	6.90B	4.78B	55.6	45.9	40.9	9.48E	8.91E	8.86	6.11	16.2	12.8 B	13
14	9.85B	6.85B	5.00B	58.0	46.9	30.2	7.78E	8.85E	8.03	6.19	15.7	12.1 B	14
15	9.50B	6.90B	7.05B	58.6	46.6	26.7	7.63E	8.79E	8.84	6.06	17.7	11.6 B	15
16	9.30B	6.08B	10.4 B	58.3	47.6	22.5	7.50E	8.36E	8.06	6.87	27.3	11.2 B	16
17	9.30B	6.00B	11.3 B	61.6	43.4	21.0	7.40E	8.83E	8.11	8.14	41.4	10.8 B	17
18	9.40B	5.85B	12.0 B	62.3	28.7	23.1	8.78E	8.28E	8.88	8.22	43.8	10.4 B	18
19	9.50B	5.70B	12.7 B	61.6	27.2	22.7	8.82E	8.10E	8.78	7.82	40.8	10.1 B	19
20	9.60B	5.80B	12.6 B	64.4	28.1	23.8	10.2 E	8.00E	8.66	7.88	37.8	9.80B	20
21	9.85B	5.85B	12.2 B	63.3	24.8	22.8	10.1 E	8.92E	8.81	8.34	37.5	9.65B	21
22	9.10B	6.19B	11.3 B	61.8	24.1	23.2	9.90E	8.78E	8.66	10.2	33.2	9.35B	22
23	7.70B	6.35B	10.8 B	59.7	22.7	26.8	9.70E	8.67E	7.44	9.86	31.4 B	9.10B	23
24	7.35B	6.30B	10.3 B	57.6	21.3	25.3	9.60E	8.78E	7.87	9.19	28.8 B	8.90B	24
25	7.08B	6.15B	10.4 B	55.4	20.0	23.8	9.42E	8.78E	7.27	8.82	27.4 B	8.85B	25
26	6.80B	5.95B	11.4 B	50.4	19.0	22.8	9.28E	8.74E	8.88	7.84	26.4	8.65B	26
27	6.55B	5.85B	14.6 B	49.0	19.2	16.8	10.0 E	8.70E	8.27	7.27	24.6	8.28B	27
28	6.45B	5.75B	25.3 B	48.2	17.7	13.4	11.3 E	8.67E	8.52	6.77	28.4 E	8.10B	28
29	6.50B		76.5 B	50.0	16.0	11.1	10.6 E	8.64E	4.92	6.45	28.5 E	7.90B	29
30	6.75B		83.7	49.7	14.8	9.80	9.80E	8.67E	4.63	6.05	30.0	7.85B	30
31	7.08B		88.3		12.8		9.10E	8.64E		5.88		7.85B	31
TOTAL	283.40	178.74	511.80	1 519.0	1 078.6	686.30	288.19	211.30	181.44	204.17	700.88	430.35	TOTAL
MEAN	9.11	6.38	16.5	50.6	34.8	22.3	9.30	6.82	6.05	6.59	23.4	13.9	MEAN
MAX	12.6	7.65	88.3	100	59.5	60.8	14.4	8.90	8.89	10.2	43.8	30.2	MAX
MIN	6.45	5.80	4.78	28.2	12.8	9.80	6.54	6.54	4.63	4.00	9.28	7.85	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.1
MAXIMUM DAILY, 100 ON APR 1
MINIMUM DAILY, 4.00 ON OCT 4
MAXIMUM INSTANTANEOUS,
102 AT 02:03 EST ON APR 1

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 42 03 N
LONG 78 40 40 W
DRAINAGE AREA, 1 270 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	24 400	JUL	24 900
FEB	15 400	AUG	18 300
MAR	44 200	SEP	15 700
APR	131 000	OCT	17 600
MAY	93 200	NOV	60 500
JUN	57 700	DEC	37 200

TOTAL DISCHARGE, 540 000 dam³

CANAGAGIGUE CREEK NEAR ELMIRA - STATION NO. 02EA023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.900B	3.84	0.403B	2.13	0.606	0.723	0.588	0.389	0.444	0.435	0.432	1.48	1
2	0.800B	3.87	0.402B	1.82	0.606	0.623	0.614	0.431	0.426	0.488	0.471	1.41 B	2
3	0.780B	3.36	0.400B	3.46	0.601	0.771	0.831	0.432	0.421	0.450	0.438	1.32 B	3
4	0.710B	1.81	0.410B	8.57	0.517	1.11	0.858	1.18	0.422	0.448	0.438	1.28 B	4
5	0.670B	0.900B	0.420B	5.22	0.585	0.883	0.849	0.820	0.427	0.448	0.437	1.22 B	5
6	0.600B	0.850B	0.410B	3.83	0.488	0.518	0.817	0.438	0.438	0.484	0.530	1.25 B	6
7	0.720B	0.588B	0.400B	3.48	0.500	0.478	0.587	0.427	0.430	0.487	0.557	1.35 B	7
8	1.00 B	0.658B	0.410B	2.10 A	0.513	0.447	0.582	0.428	0.438	0.451	0.478	0.8988	8
9	1.70 B	0.838B	0.420B	1.90 E	0.477	0.453	0.555	0.435	0.438	0.445	0.486	0.6808	9
10	1.84 B	0.820B	0.440B	1.78 E	0.430	0.728	0.503	0.428	0.481	0.878	0.433	0.5208	10
11	1.44 B	0.510B	0.600B	1.34 E	0.438	0.418	0.482	0.426	0.447	0.523	0.441	0.4808	11
12	1.20 B	0.500B	0.600B	1.63 A	0.606	0.400	0.482	0.430	0.448	0.486	0.421	0.4308	12
13	1.10 B	0.520B	0.750B	1.90	0.550	0.400	0.440	0.421	0.460	0.459	0.400	0.4058	13
14	0.860B	0.541B	1.50 B	2.17	0.492	0.388	0.438	0.428	0.455	0.436	0.580	0.3908	14
15	0.730B	0.538B	8.88	7.08	0.481	0.380	0.430	0.445	0.462	0.437	1.11	0.3808	15
16	0.840B	0.530B	1.40 B	3.86	0.480	0.378	0.425	0.438	0.463	0.441	1.88	0.3758	16
17	0.590B	0.515B	0.800B	1.68	0.424	0.388	0.435	0.426	0.447	0.497	1.83	0.3708	17
18	0.560B	0.485B	0.760B	2.03	0.418	0.358	0.444	0.431	0.486	0.485	1.87	0.3858	18
19	0.575B	0.485B	0.890B	1.61	0.408	0.375	0.447	0.433	0.483	0.444	1.84	0.3808	19
20	0.580B	0.450B	0.855B	1.08	0.438	0.471	0.438	0.436	0.455	0.532	1.83	0.3608	20
21	0.585B	0.440B	0.845B	0.980	0.437	0.450	0.440	0.448	0.448	0.485	1.80 B	0.3608	21
22	0.590B	0.430B	0.650B	0.881	0.412	1.76	0.513	0.443	0.502	0.449	1.70 B	0.3608	22
23	0.600B	0.425B	0.570B	0.733	0.407	2.58	0.388	0.436	0.457	0.441	1.60 B	0.3608	23
24	0.615B	0.420B	0.486	0.601	0.414	1.21	0.394	0.430	0.433	0.438	1.49	0.3608	24
25	0.650B	0.418B	4.81	0.578	0.405	0.857	0.400	0.427	0.430	0.435	1.45	0.3608	25
26	0.800B	0.418B	5.15	0.577	0.788	0.515	0.382	0.417	0.428	0.480	1.41	0.3608	26
27	1.40 B	0.410B	3.04	0.582	0.421	0.512	0.486	0.414	0.431	0.448	1.48	0.3608	27
28	1.87	0.405B	5.70	0.617	0.395	0.501	0.375	0.417	0.435	0.458	2.30	0.3608	28
29	2.47		13.6	0.538	0.406	0.489	0.388	0.434	0.432	0.447	3.00 B	0.3608	29
30	3.83		5.12	0.536	0.831	0.553	0.387	0.426	0.438	0.448	1.83	0.3608	30
31	3.28		3.84		0.810		0.387	0.428		0.481		0.3608	31
TOTAL	34.375	24.832	84.821	83.088	15.408	19.888	14.891	14.097	13.328	14.392	33.138	19.334	TOTAL
MEAN	1.11	0.887	2.96	2.10	0.497	0.858	0.480	0.455	0.444	0.484	1.10	0.624	MEAN
MAX	3.83	3.87	13.6	7.08	0.831	2.58	0.859	1.18	0.502	0.878	2.30	1.48	MAX
MIN	0.575	0.405	0.400	0.517	0.395	0.358	0.387	0.388	0.421	0.435	0.400	0.360	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.807
MAXIMUM DAILY, 13.6 ON MAR 28
MINIMUM DAILY, 0.358 ON JUN 18
MAXIMUM INSTANTANEOUS,
28.2 AT 13:50 EST ON APR 15

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 34 48 N
LONG 80 33 30 W
DRAINAGE AREA, 116 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1975

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 970	JUL	1 290
FEB	2 150	AUG	1 220
MAR	5 580	SEP	1 150
APR	5 460	OCT	1 240
MAY	1 330	NOV	2 880
JUN	1 700	DEC	1 670

TOTAL DISCHARGE, 28 800 dam³

CANARD RIVER NEAR LUKERVILLE - STATION NO. 02GH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.02	3.71	0.132	2.18	0.236	32.9	0.142	0.288	0.081	0.022	0.075	0.1888	1
2	0.828	3.14	0.111	1.44	0.211	18.5	0.132	0.278	0.058	0.021	0.064	0.1408	2
3	0.473	1.32 B	0.090	8.86	0.199	14.2	0.088	0.264	0.034	0.018	0.048	0.1108	3
4	0.388	0.8108	0.100	15.7	0.188	23.8	0.106	0.322	0.024	0.017	0.040	0.057	4
5	0.291	0.4288	0.130	11.9	0.142	13.6	0.078	0.326	0.023	0.015	0.028	0.088	5
6	0.275	0.3008	0.177	5.48	0.128	4.75	0.082	0.284	0.023	0.013	0.023	0.071	6
7	0.483	0.2308	0.128	2.90	0.104	1.82	0.043	0.248	0.043	0.014	0.088	0.0888	7
8	5.84	0.2008	0.100	1.74	0.082	0.884	0.027	0.228	0.057	0.014	0.118	0.048	8
9	5.06	0.1808	0.080	1.24	0.082	0.838	0.031	0.228	0.048	0.013	0.083	0.040	9
10	5.86	0.1808	0.080	0.940	0.070	0.498	0.026	0.182	0.181	0.026	0.107	0.037	10
11	2.32	0.1358	0.082	0.756	0.063	0.363	0.026	0.170	0.081	0.018	0.120	0.039	11
12	1.31	0.1258	0.100	0.642	0.060A	0.272	0.028	0.180	0.038	0.018	0.111	0.028	12
13	1.13	0.124	0.104	0.602	0.068A	0.260	0.026	0.070	0.035	0.018	0.102	0.032	13
14	0.834	0.149	0.130	0.555	0.072A	0.222	0.026	0.038	0.046	0.022	0.088	0.028	14
15	0.789	0.167	0.173	0.832	0.082	0.451	0.025	0.048	0.074	0.023	0.371	0.026	15
16	0.885	0.188	0.184	0.918	0.088	2.93	0.023	0.032	0.283	0.023	4.48	0.023	16
17	0.434	0.1878	0.178	1.11	0.043	0.881	0.021	0.028	1.20	0.027	3.37	0.0228	17
18	0.408	0.1858	0.824	3.18	0.043	0.504	0.019	0.029	0.583	0.024	3.00	0.0218	18
19	0.818	0.1808	1.18	3.83	0.057	2.18	0.581	0.024	0.242	0.079	1.88	0.0208	19
20	0.5858	0.1888	1.23	2.27	0.084	18.5	118 A	0.026	0.178	0.128	0.833	0.0198	20
21	0.5208	0.1978	1.20	1.34	0.081	8.86	153 A	0.023	0.181	0.083	0.584	0.0188	21
22	0.4268	0.2838	0.885	0.988	0.083	4.52	65.3 A	0.021	0.185	0.085	0.421	0.0178	22
23	0.373	0.3108	0.830	0.782	0.080	1.88	29.7	0.019	0.171	0.088	0.263	0.0168	23
24	0.330	0.254	0.762	0.611	0.083	0.946	15.3	0.018	0.154	0.082	0.201	0.0158	24
25	0.289	0.238	0.701	0.508	0.080	0.801	8.22	0.018	0.085	0.101	0.168	0.0148	25
26	1.20	0.203	0.657	0.480	3.33	0.448	2.88	0.018	0.068	0.184	0.152	0.0138	26
27	1.82	0.182	0.845	0.380	3.74	0.267	1.35	0.016	0.062	0.132	0.181	0.0128	27
28	1.87	0.133	2.00	0.352	3.48	0.180	0.885	0.028	0.048	0.100	0.184	0.0148	28
29	2.11		5.87	0.324	1.82	0.120	0.618	0.080	0.039	0.087	0.200	0.0188	29
30	3.70		5.57	0.288	0.858	0.089	0.533	0.032	0.031	0.075	0.189	0.0208	30
31	4.87		3.73		18.8		0.400	0.023		0.088		0.0248	31
TOTAL	48.518	12.782	29.491	70.919	34.152	154.804	395.427	3.582	4.271	1.495	17.491	1.289	TOTAL
MEAN	1.50	0.457	0.951	2.36	1.10	5.16	12.8	0.116	0.142	0.048	0.583	0.042	MEAN
MAX	5.84	3.71	5.57	15.7	18.8	32.9	153	0.325	1.20	0.164	4.48	0.188	MAX
MIN	0.275	0.124	0.080	0.288	0.043	0.088	0.018	0.018	0.023	0.013	0.023	0.012	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.12
MAXIMUM DAILY, 153A ON JUL 21
MINIMUM DAILY, 0.0128 ON DEC 27

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 09 33 N
LONG 83 01 05 W
DRAINAGE AREA, 189 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 020	JUL	34 200
FEB	1 100	AUG	309
MAR	2 550	SEP	369
APR	6 130	OCT	129
MAY	2 950	NOV	1 510
JUN	13 400	DEC	112

TOTAL DISCHARGE, 88 800 dam³

CARP RIVER NEAR KINBURN - STATION NO. 02KF011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2608	0.3508	0.0708	11.8	1.95	1.01	0.343	0.288	0.033	0.172	0.213	0.818	1
2	0.2488	0.3808	0.0888	8.72	2.28	1.07	0.322	0.280	0.041	0.184	0.215	0.738	2
3	0.2368	0.3768	0.0818	8.27	8.02	1.08	0.288	0.248	0.034	0.132	0.218	0.618	3
4	0.2328	0.3408	0.0588	10.4	8.55	1.84	0.258	0.208	0.035	0.125	0.220	0.578	4
5	0.2128	0.3108	0.0588	12.9	7.24	2.01	0.243	0.177	0.036	0.128	0.229	0.548	5
6	0.2008	0.2658	0.0588	12.8	6.13	1.52	0.220	0.148	0.033	0.147	0.227	0.508	6
7	0.1818	0.2158	0.0548	11.8	9.11	1.16	0.204	0.114	0.036	0.143	0.228	0.488	7
8	0.3708	0.1958	0.0528	9.52	12.8	1.13	0.184	0.082	0.049	0.161	0.252	0.4888	8
9	0.8608	0.1638	0.0518	7.28	13.0	0.974	0.174	0.057	0.078	0.170	0.343	0.4488	9
10	0.9308	0.1528	0.0508	5.24	8.03	1.43	0.338	0.058	0.060	0.180	0.598	0.4008	10
11	0.8148	0.1478	0.0528	4.16	6.52	2.83	0.381	0.047	0.058	0.209	0.668	0.3708	11
12	0.7178	0.1438	0.0518	3.47	5.41	2.47	0.442	0.038	0.052	0.228	0.762	0.3408	12
13	0.6178	0.1368	0.0508	3.11	6.06	1.52	0.581	0.038	0.039	0.238	0.838	0.3158	13
14	0.3738	0.1338	0.0508	3.21	8.78	1.04	0.676	0.038	0.049	0.238	0.818	0.2808	14
15	0.3068	0.1278	0.80 B	3.17	8.69	0.902	0.498	0.035	0.047	0.236	0.818	0.2608	15
16	0.2568	0.1238	26.3	3.18	5.13	0.787	0.427	0.032	0.080	0.225	1.35	0.2608	16
17	0.2368	0.1188	19.7	3.28	3.89	0.782	0.382	0.027	0.080	0.244	3.89	0.2438	18
18	0.2278	0.1118	10.9	3.23	3.27	1.12	0.281	0.024	0.081	0.232	4.81	0.2308	17
19	0.2218	0.1078	4.73	3.24	2.88	1.48	0.231	0.024	0.111	0.233	4.38	0.2208	18
20	0.2188	0.1048	2.82	2.89	2.12	1.28	0.197	0.031	0.117	0.251	3.98	0.2128	19
21	0.2188	0.1088	1.48	2.77	1.84	1.05	0.171	0.037	0.084	0.548	2.84	0.2028	21
22	0.2188	0.1048	0.988	2.77	1.58	0.888	0.151	0.030	0.103	0.780	2.18	0.2008	22
23	0.2188	0.1048	0.733	2.38	1.43	0.878	0.131	0.025	0.148	0.878	2.82	0.1888	23
24	0.2188	0.1018	0.802	2.08	1.20	0.891	0.108	0.022	0.126	0.878	1.84	0.1828	24
25	0.2188	0.0908	1.84	1.98	1.08	0.842	0.088	0.022	0.122	0.848	1.58	0.1848	25
26	0.2178	0.0878	14.7	1.88	1.08	0.882	0.073	0.022	0.131	0.823	1.37	0.1808	26
27	0.2188	0.0838	27.8	1.88	1.41	0.840	0.078	0.021	0.187	0.443	1.21	0.1758	27
28	0.2208	0.0808	33.0 B	1.63	1.33	0.428	0.074	0.022	0.188	0.325	1.07	0.1688	28
29	0.2258		46.4 B	1.74	1.13	0.348	0.074	0.022	0.200	0.224	0.980	0.1648	29
30	0.2308		38.4	1.88	0.974	0.341	0.113	0.021	0.187	0.188	0.880	0.1678	30
31	0.2858		20.5		0.843		0.218	0.021		0.188		0.1588	31
TOTAL	10.188	4.788	280.788	152.30	138.077	34.243	7.631	3.278	2.884	9.738	43.187	10.277	TOTAL
MEAN	0.328	0.170	8.41	5.08	4.45	1.14	0.253	0.073	0.088	0.314	1.44	0.332	MEAN
MAX	0.980	0.380	46.4	12.9	13.0	2.83	0.676	0.280	0.200	0.878	4.81	0.818	MAX
MIN	0.181	0.080	0.080	1.74	0.843	0.341	0.073	0.021	0.033	0.125	0.213	0.158	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.85
MAXIMUM DAILY, 46.48 ON MAR 28
MINIMUM DAILY, 0.021 ON AUG 27
MAXIMUM INSTANTANEOUS,
51.1 AT 22:00 EST ON MAR 29

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 28 03 N
LONG 76 11 55 W
DRAINAGE AREA, 289 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	878	JUL	877
FEB	413	AUG	197
MAR	32 900	SEP	229
APR	13 200	OCT	841
MAY	11 800	NOV	3 730
JUN	3 980	DEC	888

TOTAL DISCHARGE, 98 400 dam³

CARRICK CREEK NEAR CARLSRUHE - STATION NO. 02FC011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.67	4.51	0.7888	4.80	1.40	1.38	0.483	0.084	0.140	0.153	0.265	1.85 B	1
2	2.51	3.08 B	0.7808	3.75	1.37	1.19	0.451	0.075	0.138	0.178	0.367	1.80 B	2
3	1.88	2.30 B	0.8208	3.87	1.32	1.08	0.432	0.108	0.188	0.148	0.818	1.38 B	3
4	1.818	1.90 B	0.9008	4.78	1.23	1.36	0.395	0.338	0.188	0.143	0.431	1.22 B	4
5	1.448	1.88 B	1.10 B	4.48	1.33	1.17	0.388	0.882	0.188	0.143	0.408	1.10 B	5
6	1.408	1.43 B	1.40 B	4.30	1.81	0.988	0.387	0.477	0.128	0.234	0.533	1.00 B	6
7	1.378	1.27 B	1.34 B	4.87	1.84	0.882	0.333	0.288	0.102	0.273	0.884	0.9208	7
8	8.888	1.08 B	1.28 B	4.01	2.08	0.807	0.298	0.220	0.118	0.243	0.771	0.8408	8
9	8.608	0.9708	1.21 B	3.82	1.97	0.774	0.288	0.184	0.276	0.211	0.774	0.7808	9
10	8.008	1.08 B	1.23 B	3.32	1.88	1.07	0.277	0.171	0.380	0.322	0.820	0.7308	10
11	3.808	1.18 B	1.28 B	3.88	1.48	0.984	0.263	0.188	0.338	0.888	0.787	0.8808	11
12	4.208	1.13 B	1.28 B	3.14	2.08	0.838	0.243	0.184	0.214	0.480	0.744	0.9308	12
13	4.058	1.10 B	1.32 B	3.88	3.08	0.738	0.248	0.184	0.188	0.414	0.884	0.8008	13
14	3.308	1.07 B	1.60 B	3.83	2.44	0.714	0.237	0.187	0.282	0.409	0.841	0.8708	14
15	2.808	1.04 B	8.00 B	4.72	2.17	0.720	0.221	0.183	0.233	0.824	0.890	0.8408	15
16	2.408	1.01 B	8.00 B	4.20	1.82	0.888	0.224	0.304	0.208	0.483	3.21	0.8188	16
17	2.208	0.9808	3.80 B	3.87	1.80	1.02	0.200	0.221	0.281	0.422	2.08	0.4888	17
18	2.088	0.8708	3.20 B	3.80	1.40	1.03	0.208	0.187	0.388	0.431	1.83	0.4808	18
19	1.808	0.9808	2.70 B	3.18	1.27	0.958	0.217	0.148	0.311	0.414	1.28	0.4888	19
20	1.778	0.8308	2.40 B	3.71	1.28	1.38	0.205	0.186	0.213	0.432	1.78	0.4508	20
21	1.888	0.9108	2.10 B	2.47	1.81	1.29	0.228	0.184	0.218	0.421	3.18 A	0.4408	21
22	1.888	0.8808	2.15 B	2.22	1.83	1.15	0.214	0.188	0.288	0.408	1.80 B	0.4308	22
23	1.518	0.8708	2.20 B	2.03	1.82	1.12	0.208	0.180	0.437	0.388	1.45 B	0.4208	23
24	1.488	0.8608	2.30 B	1.82	1.27	0.988	0.208	0.188	0.437	0.317	1.22 B	0.4108	24
25	1.578	0.8358	8.00 B	1.81	1.18	0.830	0.190	0.138	0.368	0.277	1.12 B	0.4068	25
26	2.258	0.8208	8.00 B	1.88	1.70	0.702	0.178	0.131	0.262	0.297	1.18	0.4008	26
27	2.818	0.8108	11.8 B	1.80	1.84	0.887	0.178	0.124	0.238	0.283	1.34	0.3958	27
28	2.108	0.8088	17.0	1.87	1.28	0.812	0.167	0.114	0.203	0.268	3.88	0.3808	28
29	2.27		18.8	1.81	1.10	0.585	0.107	0.132	0.140	0.278	3.10 B	0.3858	29
30	3.08		10.8	1.42	1.10	0.508	0.100	0.220	0.107	0.271	2.20 B	0.3808	30
31	3.88		5.80		1.28		0.082	0.235		0.327		0.8408	31
TOTAL	84.10	36.410	128.078	85.03	48.93	28.428	7.808	8.422	7.048	10.342	38.718	21.448	TOTAL
MEAN	2.71	1.30	4.15	3.17	1.81	0.948	0.252	0.207	0.235	0.334	1.28	0.892	MEAN
MAX	8.88	4.51	18.8	4.78	3.08	1.38	0.483	0.882	0.437	0.888	3.88	1.85	MAX
MIN	1.37	0.805	0.780	1.42	1.10	0.508	0.082	0.084	0.102	0.143	0.285	0.380	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.41
MAXIMUM DAILY, 18.8 ON MAR 28
MINIMUM DAILY, 0.084 ON AUG 1
MAXIMUM INSTANTANEOUS,
18.8 AT 09:00 EST ON MAR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 08 47 N
LONG 81 01 12 W
DRAINAGE AREA, 183 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 270	JUL	675
FEB	3 180	AUG	836
MAR	11 200	SEP	608
APR	8 210	OCT	894
MAY	4 310	NOV	3 350
JUN	2 480	DEC	1 850

TOTAL DISCHARGE, 44 500 dam³

CASTOR RIVER AT RUSSELL - STATION NO. 02LB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5788	5.05 B	0.4008	10.8	2.84	1.33	0.342	0.198	0.180	0.148	0.725	2.20 B	1
2	0.5858	8.00 B	0.3828	14.7	3.84	1.37	0.278	0.215	0.184	0.188	0.885	1.94 B	2
3	0.5308	4.40 B	0.3808	20.2	15.2	1.48	0.248	0.214	0.188	0.184	0.803	1.75 B	3
4	0.5088	2.00 B	0.3728	23.8	13.4	1.84	0.211	0.208	0.187	0.187	0.790	1.55 B	4
5	0.4828	1.05 B	0.3828	27.7	8.87	2.03	0.200	0.328	0.187	0.182	0.720	1.37 B	5
6	0.4728	0.8008	0.3588	20.7	10.8	1.58	0.188	0.888	0.185	0.221	0.788	1.28 B	6
7	0.4608	0.8708	0.3498	15.2	30.2	1.24	0.187	1.04	0.188	0.188	1.01	1.18 B	7
8	0.4448	0.8208	0.3438	11.1	27.8	0.998	0.180	0.815	0.188	0.177	1.82	1.05 B	8
9	1.55 B	0.5848	0.3408	8.88	15.3	0.828	0.151	0.580	0.188	0.178	2.50	0.8908	9
10	3.50 B	0.5808	0.3388	7.48	10.3	0.967	0.288	0.408	0.184	0.188	3.84	0.8808	10
11	2.50 B	0.5428	0.3388	8.23	7.87	2.54	1.11	0.324	0.158	0.178	3.32	0.8108	11
12	1.72 B	0.5288	0.3388	5.82	10.6	2.43	1.58	0.284	0.151	0.170	2.65	0.7508	12
13	1.15 B	0.5188	0.3388	5.20	19.2	1.58	0.913	0.277	0.139	0.180	2.17	0.7108	13
14	0.8508	0.5078	0.3408	5.11	21.1	1.20	0.583	0.232	0.151	0.195	3.53	0.6718	14
15	0.7808	0.5808	8.50 B	5.26	18.1	0.988	0.402	0.203	0.182	0.181	19.1	0.6458	15
16	0.6808	0.5588	19.8 B	5.43	10.5	0.683	0.308	0.218	0.148	0.248	21.7	0.6208	16
17	0.6418	0.5378	13.0 B	5.58	7.38	1.37	0.246	0.202	0.187	0.248	18.0	0.5858	17
18	0.6078	0.5128	8.00 B	8.89	5.58	3.82	0.212	0.183	0.147	0.262	11.0	0.5628	18
19	0.5828	0.5018	4.80 B	7.08	4.32	3.23	0.191	0.187	0.147	0.343	7.83	0.5648	19
20	0.5588	0.4928	3.15 B	8.78	3.48	2.38	0.174	0.175	0.144	0.824	7.12	0.5558	20
21	0.5568	0.4848	1.95 B	5.08	2.81	1.80	0.184	0.227	0.142	1.88	13.1	0.5458	21
22	0.5488	0.4828	1.78 B	4.27	2.59	1.55	0.162	0.183	0.153	2.18	8.80 B	0.5388	22
23	0.5208	0.4588	1.58 B	3.70	2.28	1.38	0.158	0.180	0.215	1.82	8.03 B	0.5288	23
24	0.5048	0.4558	1.40 B	3.32	2.02	1.18	0.149	0.190	0.208	1.25	4.20 B	0.5208	24
25	0.4988	0.4478	1.23 B	3.08	1.88	0.950	0.149	0.188	0.288	1.00	3.27 B	0.5188	25
26	0.4848	0.4408	3.88 B	2.91	1.74	0.820	0.2388	0.188	0.244	0.831	2.98	0.5188	26
27	0.4808	0.4308	41.8 B	2.77	1.67	0.725	0.388	0.157	0.188	0.785	2.71 B	0.5108	27
28	0.4748	0.4228	110 B	2.72	1.77	0.688	0.402	0.138	0.175	0.894	2.87 B	0.5078	28
29	0.4808		88.1 B	2.83	1.84	0.688	0.703	0.134	0.158	0.801	2.91 B	0.5048	29
30	0.5008		31.0	2.87	1.38	0.388	0.484	0.138	0.150	0.567	2.58 B	0.5018	30
31	0.5008		18.8		1.33		0.282	0.138		0.588		0.5008	31
TOTAL	25.039	33.892	373.267	281.47	265.84	43.886	11.244	9.052	5.018	18.771	189.332	26.333	TOTAL
MEAN	0.808	1.20	12.0	8.38	8.58	1.48	0.383	0.282	0.187	0.841	8.31	0.849	MEAN
MAX	3.50	8.00	110	27.7	30.2	3.82	1.58	1.04	0.288	2.18	21.7	2.20	MAX
MIN	0.480	0.422	0.338	2.83	1.33	0.388	0.149	0.134	0.139	0.149	0.720	0.500	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.34
MAXIMUM DAILY, 1108 ON MAR 28
MINIMUM DAILY, 0.134 ON AUG 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 15 43 N
LONG 78 20 40 W
DRAINAGE AREA, 433 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 150	JUL	871
FEB	2 810	AUG	782
MAR	32 300	SEP	434
APR	21 700	OCT	1 480
MAY	23 000	NOV	13 800
JUN	3 770	DEC	2 280

TOTAL DISCHARGE, 108 000 dam³

CAT RIVER BELOW WESLEYAN LAKE - STATION NO. 04SA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.7	22.8	18.1E	15.8	16.0	38.0	57.4	58.7	48.4	47.8	33.8	28.0E	1
2	24.4	22.8	18.0E	15.8	16.8	38.3	57.8	58.8	47.8	47.4	33.8	27.8E	2
3	24.8	22.8	18.4E	15.8	17.8	38.1	58.0	59.2	48.8	48.7	33.0	27.7E	3
4	24.8	22.7	18.7E	15.8	18.2	38.4	58.1	59.8	48.3	48.0	32.8	27.8E	4
5	24.8	22.2	18.8E	15.4	20.7	38.8	58.8	59.7	48.8	48.8	32.3	27.3E	5
6	24.3E	22.0	18.8E	15.3	21.8	40.8	58.2	59.7	48.3	48.3	32.0	27.1E	6
7	24.1E	21.8	18.4E	15.2	22.8	40.7	58.2	59.1	47.8	44.2	31.7	27.0E	7
8	24.1E	21.8	18.3E	14.8	23.8	40.8	58.7	59.1	48.8	43.2	31.7	26.9E	8
9	24.1E	22.0	18.2E	14.8	24.7	41.0	58.8	58.1	52.3	42.7	31.7	26.7E	9
10	24.0E	21.8	18.0E	14.8	25.7	41.8	60.3	58.2	53.7	42.8	31.8	26.8E	10
11	24.0E	21.8	17.9E	14.8	27.0	41.8	60.0	58.8	54.5	42.1	31.8	26.4E	11
12	24.0E	21.7	17.8E	14.8	27.8	42.5	59.8	58.8	55.4	41.8	31.4	26.3E	12
13	24.0E	21.7	17.7E	14.7	28.7	44.0	59.8	58.3	55.8	41.4	31.2	26.1E	13
14	24.0E	21.3E	17.6E	14.7	28.4	44.8	59.8	57.8	56.1	40.8	31.1	26.0E	14
15	24.0E	21.1E	17.5E	14.7	30.2	46.2	59.8	57.3	56.0	40.7	30.7	25.9E	15
16	24.0E	21.0E	17.3E	14.4	30.8	46.5	59.7	56.8	56.0	40.3	30.7	25.8E	16
17	23.8E	20.8E	17.2E	14.4	31.4	46.3	59.8	56.6	56.2	40.0	30.5	25.7E	17
18	23.8E	20.7E	17.1E	14.4	31.5	47.0	60.5	56.7	56.8	39.0	30.4	25.5E	18
19	23.8E	20.6E	17.0E	14.2	31.6	47.3	60.5	56.2	56.8	38.4	30.1	25.4E	19
20	23.8E	20.3E	16.8E	14.0	33.0	47.3	60.4	56.2	56.1	38.1	30.0E	25.3E	20
21	23.8E	20.2E	16.7E	13.9	33.6	48.7	60.1	53.7	54.8	38.0	29.8E	25.2E	21
22	23.8E	20.1E	16.6E	13.8	33.7	50.2	59.9	53.3	53.8	37.5	29.8E	25.0E	22
23	23.8E	20.0E	16.5E	13.9	33.9	51.5	59.8	52.6	53.2	37.4	29.4E	25.0E	23
24	23.9	19.8E	16.4E	14.0	33.8	51.9	59.0	51.7	52.3	37.1	29.2E	24.9E	24
25	23.8	19.8E	16.3E	14.4	34.3	52.5	58.9	51.0	52.0	36.9	29.0E	24.8E	25
26	23.5	19.7E	16.2E	14.8	35.4	53.8	58.3	50.5	51.5	36.3	28.8E	24.7E	26
27	23.5	19.6E	16.1E	15.0	36.0	55.4	58.3	50.0	50.8	35.8	28.8E	24.6E	27
28	23.4	19.4E	16.0E	15.1	36.8	56.3	58.9	49.4	50.1	35.3	28.4E	24.6E	28
29	23.6		15.8E	15.3	37.1	56.3	58.3	49.4	49.6	35.1	28.2E	24.4E	29
30	23.5		15.8E	15.8	37.5	56.7	57.8	48.8	48.7	34.8	28.1E	24.3E	30
31	23.2		15.7		37.8		57.1	49.0		34.2		24.1E	31
TOTAL	743.7	592.8	537.8	443.5	889.5	1 384.1	1 836.8	1 714.5	1 659.2	1 282.1	921.0	802.5	TOTAL
MEAN	24.0	21.2	17.3	14.8	29.0	46.1	59.2	55.3	53.0	40.4	30.7	25.9	MEAN
MAX	24.8	22.8	18.1	15.8	37.8	58.7	60.5	59.7	56.2	47.8	33.8	28.0	MAX
MIN	23.2	19.4	15.7	13.9	16.0	38.0	57.1	49.0	48.3	34.2	28.1	24.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 34.8
MAXIMUM DAILY, 60.5 ON JUL 18
MINIMUM DAILY, 13.9 ON APR 21
MAXIMUM INSTANTANEOUS,
60.9 AT 20:54 EST ON JUL 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 10 00 N
LONG 91 38 50 W
DRAINAGE AREA, 5 350 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	84 300	JUL	159 000
FEB	61 200	AUG	148 000
MAR	48 500	SEP	135 000
APR	38 300	OCT	108 000
MAY	77 700	NOV	79 800
JUN	130 000	DEC	69 300

TOTAL DISCHARGE, 1 100 000 dam³

CATARAQUI RIVER AT CHAFFEYS LOCKS - STATION NO. 02MA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.17	2.38	8.21	10.7	0.537	---	---	---	---	---	1.13	2.88	1
2	1.17	3.18	6.33	10.3	3.85	---	---	---	---	---	1.08	0.218	2
3	1.18	2.04	4.17	9.26	8.13	---	---	---	---	---	0.587	0.214	3
4	1.18	1.27	0.701	8.48	10.8	---	---	---	---	---	0.272	1.81	4
5	1.16	1.28	0.755	8.81	7.87	---	---	---	---	---	0.288	5.02	5
6	1.17	4.82	3.83	10.5	2.85	---	---	---	---	---	2.26	4.82	6
7	1.17	7.37	8.08	9.84	2.85	---	---	---	---	---	5.40	4.78	7
8	1.18	7.48	8.88	8.48	8.21	---	---	---	---	---	8.51	1.87	8
9	1.22	7.38	7.82	8.88	11.5	---	---	---	---	---	8.55	0.212	9
10	2.27	3.48	8.82	3.80	14.1	---	---	---	---	---	2.85	0.212	10
11	2.81	1.07	2.81	2.33	18.5	---	---	---	---	---	0.788	3.28	11
12	2.81	1.08	3.08	2.39	18.5	---	---	---	---	---	0.808	5.72	12
13	1.80	4.83	5.82	2.44	18.5	---	---	---	---	---	0.788	5.81	13
14	1.14	7.13	7.33	2.48	18.4	---	---	---	---	---	2.02	5.44	14
15	1.18	7.03	8.20	2.81	18.3	---	---	---	---	---	3.48	2.30	15
16	1.15	8.87	4.18	2.88	13.8	---	---	---	---	3.06 A	3.71	0.207	16
17	1.14	2.71	3.05	5.07	12.7	---	---	---	---	3.14	2.23	0.208	17
18	1.14	0.378	2.27	8.81	10.8	---	---	---	---	3.12	1.18	3.08	18
19	1.82	0.424	2.28	8.33	7.72	---	---	---	---	3.48	1.18	4.87	19
20	1.78	0.473	5.83	9.82	7.73	---	---	---	---	3.21	5.06	2.89	20
21	1.22	1.50	5.87	6.82	7.74	---	---	---	---	1.30	7.58	1.87	21
22	1.17	2.58	4.22	7.83	8.22	---	---	---	---	1.38	7.78	1.48	22
23	1.16	3.81	2.87	7.71	8.78	---	---	---	---	3.13	7.37	1.38	23
24	1.16	4.58	2.03	7.72	8.80 A	---	---	---	---	3.17	3.82	1.28	24
25	1.16	2.84	2.06	7.82	---	---	---	---	---	3.38	0.831	1.20	25
26	1.16	2.70	1.28	7.48	---	---	---	---	---	3.20	0.884	1.18	26
27	1.18	4.87	1.18	7.04	---	---	---	---	---	1.32	4.08	2.27	27
28	1.21	8.41	3.89	3.04	---	---	---	---	---	0.288	5.44	3.20	28
29	1.20		5.82	0.812	---	---	---	---	---	0.282	5.34	1.81	29
30	1.19		10.8	0.588	---	---	---	---	---	0.758	5.14	0.218	30
31	1.22		10.7		---		---	---		1.08		0.223	31
TOTAL	42.65	101.703	148.198	180.441	---	---	---	---	---	---	88.209	71.288	TOTAL
MEAN	1.38	3.63	4.72	8.35	---	---	---	---	---	---	3.31	2.30	MEAN
MAX	2.81	7.48	10.8	10.7	---	---	---	---	---	---	7.78	5.81	MAX
MIN	1.14	0.378	0.701	0.588	---	---	---	---	---	---	0.288	0.208	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM INSTANTANEOUS,
10.8 AT 13:08 EST ON MAY 10

REMARKS - SEASONAL OPERATION (MID-OCT TO MID-MAY)

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 34 43 N
LONG 76 19 13 W
DRAINAGE AREA, 394 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 700	JUL	---
FEB	6 780	AUG	---
MAR	12 800	SEP	---
APR	18 800	OCT	---
MAY	---	NOV	8 870
JUN	---	DEC	8 180

CATFISH CREEK AT AYLMER - STATION NO. 02GC030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.16 B	2.48	0.210B	2.61	0.310	0.488	0.154	0.095	0.128	0.075	0.181	0.453	1
2	1.02 B	1.83 B	0.208B	1.84	0.300	2.54	0.145	0.088	0.104	0.084	0.158	0.332B	2
3	0.918B	0.780B	0.205B	5.46	0.281	1.41	0.139	0.085	0.084	0.082	0.180	0.288B	3
4	0.822B	0.844B	0.318B	7.53	0.281	1.59	0.145	0.106	0.074	0.081	0.181	0.277B	4
5	0.731B	0.559B	1.00 B	4.83	0.338	0.757	0.145	0.102	0.069	0.081	0.185	0.268B	5
6	0.585B	0.448B	0.418B	3.12	0.343	0.506	0.139	0.084	0.075	0.080	0.200	0.280B	6
7	0.526B	0.380B	0.280B	2.29	0.310	0.370	0.129	0.080	0.083	0.082	0.258	0.247B	7
8	5.08 E	0.336B	0.239B	1.58	0.310	0.317	0.123	0.072	0.082	0.084	0.388	0.233B	8
9	2.52 B	0.330B	0.234B	1.24	0.288	0.276	0.124	0.068	0.070	0.081	0.472	0.221B	9
10	1.41 B	0.315	0.281	1.07	0.263	0.261	0.120	0.049	0.062	0.152	0.416	0.202B	10
11	0.970B	0.314	0.328B	0.978	0.280	0.229	0.116	0.037	0.061	0.173	0.373	0.184B	11
12	0.702B	0.312	0.338B	0.898	0.311	0.226	0.114	0.038	0.058	0.148	0.308	0.173B	12
13	0.880B	0.313	0.290B	1.72	0.318	0.287	0.119	0.035	0.052	0.128	0.283	0.168B	13
14	0.782B	1.81	0.285	1.48	0.281	0.248	0.108	0.035	0.063	0.128	0.318	0.163B	14
15	0.663	0.951	0.523	3.09	0.271	0.232	0.083	0.028	0.068	0.124	1.51	0.158B	15
16	0.488	0.398B	0.409	2.90	0.257	0.237	0.080	0.044	0.079	0.119	5.89	0.152B	16
17	0.441	0.324B	0.338	2.23	0.243	0.232	0.082	0.046	0.083	0.129	2.68	0.139B	17
18	0.513	0.295B	4.67 B	4.76	0.231	0.220	0.085	0.046	0.073	0.159	1.21	0.137B	18
19	0.682	0.262B	3.53 B	2.71	0.221	0.268	0.095	0.053	0.084	0.184	0.862	0.139B	19
20	0.611	0.275	2.00 B	1.74	0.238	0.603	0.134	0.059	0.059	0.302	0.688	0.135B	20
21	0.484	0.328B	1.00 B	1.11	0.241	0.640	0.131	0.087	0.058	0.420	0.800	0.134B	21
22	0.422	0.321B	0.892B	0.772	0.217	1.83	0.118	0.071	0.073	0.305	0.628	0.132B	22
23	0.383	0.317B	1.62 B	0.584	0.232	1.01	0.111	0.085	0.083	0.209	0.426	0.131B	23
24	0.408	0.264B	2.30 B	0.483	0.251	0.475	0.107	0.080	0.083	0.180	0.348	0.130B	24
25	0.444	0.235B	2.68 B	0.425	0.237	0.315	0.098	0.052	0.081	0.180	0.314	0.128B	25
26	2.98	0.232B	2.84 B	0.410	0.497	0.250	0.083	0.051	0.076	0.222	0.297B	0.138B	26
27	1.82	0.230	2.75 B	0.379	0.414	0.224	0.115	0.048	0.077	0.212	0.252B	0.134B	27
28	0.757	0.226	3.83 B	0.346	0.268	0.202	0.109	0.047	0.079	0.180	0.642B	0.132B	28
29	0.843		5.00	0.328	0.228	0.178	0.087	0.056	0.078	0.154	1.01	0.130B	29
30	2.48		3.59	0.318	0.623	0.183	0.103	0.082	0.078	0.150	0.819	0.164B	30
31	2.09		3.21		0.486		0.103	0.089		0.149		0.226B	31
TOTAL	34.455	15.135	46.010	59.132	9.428	16.573	3.603	1.871	2.253	4.843	22.304	5.884	TOTAL
MEAN	1.11	0.541	1.48	1.97	0.304	0.552	0.116	0.064	0.075	0.156	0.743	0.190	MEAN
MAX	5.08	2.48	5.00	7.53	0.623	2.54	0.154	0.108	0.128	0.420	5.89	0.453	MAX
MIN	0.383	0.226	0.205	0.318	0.217	0.183	0.080	0.028	0.052	0.075	0.151	0.128	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.607
MAXIMUM DAILY, 7.53 ON APR 4
MINIMUM DAILY, 0.028 ON AUG 15
MAXIMUM INSTANTANEOUS,
8.82 AT 14:50 EST ON APR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 46 25 N
LONG 80 56 58 W
DRAINAGE AREA, 120 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 980	JUL	311
FEB	1 310	AUG	170
MAR	3 980	SEP	195
APR	5 110	OCT	418
MAY	814	NOV	1 930
JUN	1 430	DEC	508

TOTAL DISCHARGE, 19 200 dam³

CATFISH CREEK NEAR SPARTA - STATION NO. 02GC018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.18	4.71	0.375B	4.83	0.747	1.87	0.390	0.090	0.108	0.074	0.149	1.30 B	1
2	1.79	3.28 B	0.352B	3.54	0.727	6.88	0.328	0.085	0.262	0.075	0.143	1.17 B	2
3	1.43	1.84 B	0.340B	12.8	0.893	4.26	0.287	0.082	0.119	0.077	0.152	1.08 B	3
4	1.05 B	1.48 B	0.336B	17.6	0.843	4.48	0.298	0.102	0.078	0.075	0.151	1.01 B	4
5	1.04 B	1.34 B	1.20 B	10.7	0.757	2.56	0.318	0.184	0.068	0.073	0.146	0.944B	5
6	1.01 B	1.05 B	0.900B	6.51	0.808	1.70	0.278	0.107	0.088	0.070	0.166	0.850B	6
7	0.990B	0.853B	0.750B	4.63	0.778	1.25	0.237	0.088	0.071	0.069	0.215	0.746B	7
8	11.8	0.744B	0.682B	3.33	0.857	0.998	0.193	0.083	0.076	0.065	0.532	0.710B	8
9	4.64 B	0.685B	0.628B	2.60	0.831	0.807	0.172	0.079	0.071	0.087	0.848	0.670B	9
10	2.53 B	0.638B	0.714	2.28	0.907	0.727	0.162	0.078	0.073	0.188	1.04	0.620B	10
11	1.65 B	0.587B	0.823	2.10	1.08	0.819	0.156	0.070	0.092	0.478	1.03	0.579	11
12	1.59 B	0.563	1.15	1.98	1.16	0.688	0.146	0.063	0.094	0.241	0.909	0.352	12
13	1.50 B	0.649	0.859	2.67	1.08	0.708	0.140	0.060	0.088	0.189	0.841	0.339B	13
14	1.45	1.95	0.873	2.84	0.968	0.634	0.134	0.059	0.114	0.131	0.788	0.328	14
15	1.29	2.63	1.19	6.64	0.892	0.677	0.116	0.065	0.143	0.124	3.22	0.301	15
16	0.965	1.09 B	1.16	5.90	0.607	0.571	0.101	0.116	0.128	0.101	10.7	0.279	16
17	0.857	0.880B	0.885	4.84	0.556	0.581	0.094	0.079	0.213	0.086	6.33	0.277	17
18	0.992	0.659B	9.56	10.5	0.497	0.605	0.080	0.074	0.148	0.130	2.82	0.259	18
19	1.66	0.641B	7.57 B	5.47	0.457	0.671	0.084	0.081	0.107	0.130	1.89	0.242B	19
20	1.24	0.623B	3.86 B	3.66	0.498	2.73	0.158	0.082	0.081	0.361	1.54	0.235B	20
21	0.884B	0.518B	2.33 B	2.80	0.540	1.74	0.172	0.068	0.078	0.738	1.81	0.224	21
22	0.805B	0.499B	2.14 B	1.97	0.484	15.1	0.142	0.093	0.080	0.509	1.28	0.193	22
23	0.806	0.482B	3.03 B	1.57	0.436	5.58	0.118	0.111	0.183	0.333	1.10	0.181	23
24	0.899	0.468B	4.70	1.33	0.589	2.63	0.100	0.075	0.133	0.238	0.933	0.170	24
25	1.04	0.445B	6.53	1.19	0.528	1.63	0.109	0.065	0.103	0.208	0.820	0.165B	25
26	5.59	0.450B	8.87	1.14	1.28	1.15	0.153	0.058	0.089	0.195	0.627	0.160B	26
27	4.02	0.438B	6.21	1.08	1.33	0.917	0.125	0.055	0.081	0.172	0.615	0.155B	27
28	1.61	0.428B	8.42	0.967	0.873	0.737	0.132	0.053	0.076	0.166	1.68	0.150B	28
29	1.88		11.8	0.882	0.834	0.588	0.111	0.102	0.078	0.149	2.14	0.150B	29
30	5.02		7.89	0.828	1.60	0.484	0.088	0.113	0.072	0.142	1.43 B	0.200B	30
31	4.17		6.23		1.35		0.087	0.074		0.148		0.302	31
TOTAL	68.821	29.916	100.287	128.617	25.148	64.309	5.251	2.552	3.212	5.788	45.121	14.344	TOTAL
MEAN	2.22	1.07	3.23	4.29	0.811	2.14	0.169	0.082	0.107	0.187	1.50	0.463	MEAN
MAX	11.8	4.71	11.8	17.6	1.60	15.1	0.390	0.184	0.262	0.738	10.7	1.30	MAX
MIN	0.806	0.428	0.336	0.828	0.436	0.484	0.080	0.053	0.068	0.065	0.143	0.150	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.35
MAXIMUM DAILY, 17.6 ON APR 4
MINIMUM DAILY, 0.053 ON AUG 28
MAXIMUM INSTANTANEOUS,
26.1 AT 11:04 EST ON JUN 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 44 48 N
LONG 81 03 29 W
DRAINAGE AREA, 287 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 950	JUL	454
FEB	2 580	AUG	220
MAR	8 680	SEP	278
APR	11 100	OCT	500
MAY	2 170	NOV	3 900
JUN	5 560	DEC	1 240

TOTAL DISCHARGE, 42 800 dam³

CEDAR CREEK AT WOODSTOCK - STATION NO. 02ED011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.547	1.44	0.2158	1.49	0.482	0.385	0.200	0.075	0.248	0.128	0.357	0.413	1
2	0.728B	1.10 B	0.2088	1.23	0.490	0.484	0.193	0.072	0.142	0.117	0.484	0.385	2
3	0.670B	0.780B	0.2408	1.70	0.440	0.823	0.173	0.204	0.094	0.118	0.601	0.3408	3
4	0.550B	0.540B	0.2808	2.45	0.435	0.882	0.177	0.288	0.082	0.118	0.477	0.3008	4
5	0.440B	0.440B	0.3408	1.13	0.478	0.438	0.177	0.082	0.071	0.131	0.810	0.2808	5
6	0.670B	0.380B	0.2608	1.48	0.488	0.355	0.148	0.075	0.072	0.153	0.384	0.2508	6
7	0.680B	0.370B	0.2808	1.40	0.434	0.319	0.150	0.075	0.100	0.142	0.440	0.2208	7
8	2.77	0.350B	0.2808	1.18	0.453	0.288	0.135	0.071	0.105	0.128	0.848	0.2108	8
9	2.85	0.330B	0.2808	0.851	0.434	0.314	0.138	0.084	0.108	0.117	0.777	0.2008	9
10	1.32	0.320B	0.8908	0.815	0.411	0.296	0.121	0.083	0.095	0.287	0.738	0.1908	10
11	0.850B	0.310B	1.70 B	0.870	0.418	0.231	0.098	0.088	0.088	0.208	0.686	0.1808	11
12	1.03 B	0.300B	1.35 B	0.853	0.582	0.218	0.107	0.085	0.090	0.218	0.358	0.1728	12
13	0.880B	0.288B	0.880B	1.21	0.884	0.241	0.138	0.078	0.089	0.521	0.337	0.1688	13
14	0.690B	0.780B	0.618	1.21	0.818	0.217	0.108	0.073	0.102	0.355	0.388	0.1558	14
15	0.804	0.800B	1.08	1.28	0.522	0.238	0.108	0.188	0.108	0.190	0.891	0.1828	15
16	0.551	0.400B	0.778	1.47	0.476	0.234	0.098	0.116	0.122	0.191	1.85	0.1588	16
17	0.503	0.370B	0.565	1.28	0.446	0.272	0.112	0.088	0.172	0.286	1.83	0.1568	17
18	0.555	0.380B	2.48	1.78	0.431	0.278	0.087	0.078	0.118	0.241	1.13	0.1538	18
19	0.626	0.330B	3.52	1.03	0.387	0.245	0.074	0.078	0.101	0.221	0.748	0.1528	19
20	0.520B	0.310B	2.48	1.08	0.411	0.273	0.114	0.083	0.107	0.381	0.704	0.1518	20
21	0.500B	0.300B	1.35	0.881	0.450	0.288	0.113	0.093	0.108	0.493	0.743	0.1508	21
22	0.470	0.290B	0.853	0.729	0.409	0.782	0.108	0.082	0.170	0.382	0.535	0.1488	22
23	0.457	0.260B	1.30	0.853	0.387	0.685	0.110	0.091	0.186	0.271	0.430	0.1488	23
24	0.548	0.270B	2.32	0.584	0.388	0.543	0.103	0.088	0.136	0.701	0.348	0.1478	24
25	0.547	0.258B	2.54	0.585	0.348	0.448	0.107	0.084	0.103	0.352	0.321	0.1488	25
26	1.74	0.240B	2.58	0.851	0.511	0.340	0.100	0.078	0.113	0.172	0.323	0.1458	26
27	1.87	0.280B	2.03	0.828	0.408	0.308	0.104	0.080	0.127	0.122	0.330	0.1448	27
28	0.928	0.250B	2.41	0.882	0.383	0.272	0.098	0.084	0.149	0.114	0.700	0.1438	28
29	0.885		2.87	0.856	0.281	0.258	0.095	0.130	0.126	0.128	0.805	0.1428	29
30	1.80		2.56	0.838	0.382	0.224	0.105	0.092	0.133	0.142	0.505	0.1408	30
31	1.35		1.86		0.388		0.102	0.092		0.238		0.1908	31
TOTAL	28.715	12.481	41.865	32.411	13.778	10.837	3.805	2.977	3.842	7.371	18.854	5.030	TOTAL
MEAN	0.858	0.445	1.34	1.08	0.444	0.351	0.123	0.088	0.118	0.238	0.622	0.185	MEAN
MAX	2.85	1.44	3.52	2.45	0.884	0.782	0.200	0.288	0.248	0.701	1.85	0.413	MAX
MIN	0.457	0.250	0.208	0.838	0.281	0.215	0.074	0.083	0.071	0.114	0.321	0.140	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.801
MAXIMUM DAILY, 3.52 ON MAR 19
MINIMUM DAILY, 0.083 ON AUG 10
MAXIMUM INSTANTANEOUS,
5.11 AT 10:48 EST ON JAN 27

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 07 35 N
LONG 80 46 08 W
DRAINAGE AREA, 83.2 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 570	JUL	329
FEB	1 080	AUG	257
MAR	3 600	SEP	305
APR	2 800	OCT	637
MAY	1 190	NOV	1 610
JUN	810	DEC	521

TOTAL DISCHARGE, 15 800 dam³

CEDAR CREEK NEAR HEMLO - STATION NO. 02BB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.58 B	0.950B	0.868B	0.685B	8.68	5.84	0.440	0.084	0.048	0.058	0.470	0.540B	1
2	1.53 B	0.845B	0.858B	0.572B	7.74	4.86	0.445	0.080	0.047	0.074	0.484	0.538B	2
3	1.48 B	0.830B	0.852B	0.583B	6.87	4.72	1.06	0.092	0.048	0.068	0.437	0.533B	3
4	1.48 B	0.815B	0.844B	0.602B	10.4	4.38	1.29	0.087	0.045	0.062	0.424	0.528B	4
5	1.42 B	0.800B	0.833B	0.622B	12.8	4.11	1.19	0.095	0.038	0.063	0.464	0.521B	5
6	1.38 B	0.880B	0.825B	0.627B	15.2	3.84	1.06	0.090	0.033	0.050	0.508	0.515B	6
7	1.36 B	0.875B	0.815B	0.628B	16.8	3.81	0.872	0.080	0.032	0.047	0.481	0.505B	7
8	1.33 B	0.865B	0.805B	0.627B	17.4	4.24	0.817	0.087	0.040	0.047	0.558	0.497B	8
9	1.31 B	0.850B	0.594B	0.625B	18.3	4.20	0.888	0.081	0.040	0.051	0.551	0.488B	9
10	1.28 B	0.845B	0.592B	0.627B	18.5	3.97	0.882	0.082	0.037	0.058	0.882	0.479B	10
11	1.27 B	0.840B	0.585B	0.645B	18.5	3.74	0.387	0.080	0.030	0.085	0.871	0.478B	11
12	1.24 B	0.835B	0.578B	0.675B	18.8	3.57	0.310	0.084	0.025	0.082	0.837	0.474B	12
13	1.23 B	0.825B	0.588B	0.715B	19.2	3.48	0.298	0.048	0.039	0.062	0.878	0.473B	13
14	1.21 B	0.812B	0.780B	0.760B	18.5	3.33	0.284	0.051	0.051	0.043	0.735	0.472B	14
15	1.18 B	0.808B	0.558B	0.810B	20.7	3.19	0.263	0.058	0.059	0.044	0.688	0.470B	15
16	1.17 B	0.795B	0.545B	0.900B	20.4	3.02	0.268	0.072	0.053	0.055	0.884	0.470B	16
17	1.15 B	0.785B	0.535B	0.970B	19.5	2.84	0.254	0.070	0.047	0.112	0.822	0.469B	17
18	1.13 B	0.760B	0.525B	1.04 B	18.4	2.80	0.237	0.068	0.058	0.138	0.618	0.468B	18
19	1.12 B	0.770B	0.518B	1.15 B	16.7	2.34	0.201	0.078	0.083	0.126	0.6108	0.468B	19
20	1.10 B	0.780B	0.513B	1.27 B	15.5	2.13	0.201	0.085	0.044	0.161	0.8088	0.462B	20
21	1.08 B	0.780B	0.511B	1.42 B	14.7	1.95	0.205	0.083	0.031	0.204	0.8008	0.461B	21
22	1.07 B	0.748B	0.506B	1.58 B	13.5	1.80	0.185	0.108	0.030	0.225	0.8958	0.460B	22
23	1.06 B	0.735B	0.510B	1.78 B	12.2	0.786	0.188	0.114	0.034	0.278	0.8888	0.459B	23
24	1.04 B	0.725B	0.518B	2.05	11.3	0.653	0.177	0.095	0.038	0.315	0.5808	0.458B	24
25	1.03 B	0.718B	0.519B	2.77	10.2	0.532	0.178	0.083	0.041	0.317	0.5788	0.457B	25
26	1.02 B	0.705B	0.525B	3.55	9.24	0.523	0.180	0.078	0.051	0.308	0.5648	0.454B	26
27	1.01 B	0.695B	0.548B	4.30	8.68	0.513	0.188	0.082	0.058	0.304	0.5608	0.452B	27
28	0.998B	0.685B	0.558B	5.20	7.85	0.488	0.158	0.088	0.048	0.295	0.5558	0.450B	28
29	0.988B		0.558B	5.88	7.17	0.473	0.138	0.070	0.053	0.291	0.5528	0.448B	29
30	0.978B		0.558B	6.38	8.78	0.448	0.120	0.057	0.058	0.317	0.5488	0.447B	30
31	0.968B		0.560B		8.82		0.100	0.051		0.387		0.448B	31
TOTAL	37.183	22.727	17.851	48.833	438.82	82.486	13.340	2.377	1.306	4.858	17.436	14.837	TOTAL
MEAN	1.20	0.812	0.588	1.58	13.8	2.75	0.430	0.077	0.044	0.150	0.581	0.478	MEAN
MAX	1.58	0.950	0.868	8.38	20.7	5.84	1.28	0.114	0.058	0.387	0.735	0.540	MAX
MIN	0.968	0.685	0.506	0.685	8.82	0.448	0.100	0.048	0.025	0.042	0.424	0.448	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.80
MAXIMUM DAILY, 20.7 ON MAY 15
MINIMUM DAILY, 0.025 ON SEP 12
MAXIMUM INSTANTANEOUS,
21.2 AT 16:33 EST ON MAY 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 42 27 N
LONG 85 54 38 W
DRAINAGE AREA, 201 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 210	JUL	1 180
FEB	1 880	AUG	205
MAR	1 530	SEP	113
APR	4 310	OCT	402
MAY	37 000	NOV	1 510
JUN	7 130	DEC	1 280

TOTAL DISCHARGE, 59 800 dam³

CEDAR RIVER BELOW WABASKANG LAKE - STATION NO. 05QE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.44	5.50	5.38	5.32	9.18	18.1	20.8	13.6	10.2	5.90	4.07	3.13	1
2	5.44	5.48	5.38	5.28	9.32	18.3	20.8	13.6	10.0	5.77	4.02	3.14	2
3	5.43	5.49	5.38	5.28	9.71	18.5	20.4	15.2	9.84	5.70	3.94	3.13	3
4	5.42	5.50	5.40	5.34	10.3	18.5	20.1	15.5	9.70	5.82	3.92	3.12	4
5	5.42	5.52	5.38	5.42	11.7	18.5	19.9	15.8	9.82	5.88	3.98	3.15	5
6	5.41	5.54	5.36	5.46	12.2	18.5	19.7	14.9	9.48	5.48	3.95	3.15	6
7	5.42	5.54	5.36	5.46	12.5	18.5	19.3	14.4	9.31	5.42	3.85	3.13	7
8	5.46	5.52	5.40	5.43	12.8	18.4	18.9	14.2	9.17	5.36	3.84	3.11	8
9	5.42	5.53	5.36	5.41	12.8	18.4	18.6	13.8	8.97	5.30	3.88	3.07	9
10	5.42	5.54	5.33	5.38	13.0	18.3	18.2	13.6	8.81	5.26	3.86	3.08	10
11	5.41	5.53	5.35	5.40	12.9	18.3	17.8	13.3	8.63	5.18	3.87	3.08	11
12	5.48	5.50	5.33	5.38	12.9	18.8	17.5	13.2	8.52	5.08	3.78	3.02	12
13	5.48	5.47	5.36	5.39	12.8	18.8	17.3	13.2	8.34	5.01	3.77	3.02	13
14	5.52	5.48	5.33	5.41	12.7	20.1	17.1	12.7	8.22	4.88	3.75	2.98	14
15	5.58	5.42	5.31	5.38	12.7	20.4	16.8	12.4	8.08	4.89	3.74	2.98	15
16	5.55	5.41	5.28	5.41	12.8	20.5	15.8	12.1	7.98	5.01	3.70	2.98	16
17	5.58	5.42	5.28	5.37	12.8	20.5	15.8	11.8	7.84	4.81	3.63	2.88	17
18	5.58	5.42	5.27	5.38	13.0	20.5	15.7	11.7	7.72	4.68	3.68	2.84	18
19	5.59	5.44	5.28	5.33	13.2	20.5	15.4	11.8	7.61	4.78	3.65	2.83	19
20	5.59	5.42	5.27	5.33	13.6	20.5	15.2	12.0	7.34	4.73	3.61	2.83	20
21	5.57	5.41	5.24	5.34	14.0	20.5	15.0	11.8	7.21	4.87	3.46	2.88	21
22	5.58	5.41	5.23	5.34	14.2	20.7	15.8	11.7	6.88	4.84	3.40	2.88	22
23	5.57	5.40	5.21	5.39	14.5	20.8	15.5	11.5	6.81	4.80	3.37	2.90	23
24	5.58	5.41	5.20	5.62	14.5	20.8	15.2	11.4	6.88	4.87	3.34	2.92	24
25	5.55	5.43	5.18	5.17	15.3	20.5	15.0	11.2	6.59	4.84	3.30	2.91	25
26	5.57	5.48	5.18	7.14	18.4	20.7	14.7	11.1	6.55	4.80	3.27	2.90	26
27	5.58	5.42	5.14	8.21	17.1	21.2	14.3	11.1	6.41	4.68	3.25	2.88	27
28	5.59	5.38	5.13	8.98	17.8	21.2	14.0	10.9	6.24	4.34	3.22	2.87	28
29	5.57		5.14	9.50	17.9	21.1	13.7	10.8	6.11	4.31	3.18	2.85	29
30	5.55		5.16	9.38	18.0	21.0	13.6	10.6	6.03	4.20	3.18	2.82	30
31	5.53		5.21		18.1		13.5	10.4		4.13		2.81	31
TOTAL	170.76	152.86	163.80	178.48	420.59	591.9	527.4	381.3	240.85	153.87	109.38	92.83	TOTAL
MEAN	5.51	5.46	5.28	5.95	13.6	19.7	17.0	12.5	8.03	4.98	3.85	2.99	MEAN
MAX	5.59	5.54	5.40	9.50	18.1	21.2	20.8	15.5	10.2	5.90	4.07	3.15	MAX
MIN	5.41	5.38	5.13	5.22	9.18	18.1	13.5	10.4	8.03	4.13	3.18	2.81	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.75
MAXIMUM DAILY, 21.2 ON JUN 27
MINIMUM DAILY, 2.81 ON DEC 31
MAXIMUM INSTANTANEOUS,
21.3 AT 13:20 CST ON JUN 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 30 30 N
LONG 83 15 30 W
DRAINAGE AREA, 1 680 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 800	JUL	45 800
FEB	13 200	AUG	33 800
MAR	14 200	SEP	20 800
APR	15 400	OCT	13 300
MAY	36 300	NOV	9 450
JUN	51 100	DEC	8 000

TOTAL DISCHARGE, 276 000 dam³

REMARKS - CHANGE IN CONTROL DUE TO BRIDGE CONSTRUCTION IN FEB 88.

CHIPPEWA CREEK AT NORTH BAY - STATION NO. 02DD014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.207B	0.300B	0.152B	1.77	1.03	0.487	0.330E	0.113	0.137	0.108	0.447	0.3278	1
2	0.201B	0.287B	0.160B	1.62	0.983	0.387	0.320E	0.387	0.125	0.181	0.387	0.3158	2
3	0.187B	0.276B	0.148B	1.47	0.887	0.319	0.310E	0.188	0.107	0.148	0.3278	0.3058	3
4	0.193B	0.263B	0.145B	2.78	0.818	0.301	0.380E	0.322	0.101	0.130	0.2608	0.2988	4
5	0.180B	0.252B	0.144B	2.64	1.10	0.256	0.308A	0.225	0.088	0.131	0.282	0.2908	5
6	0.188B	0.243B	0.143B	2.28	2.50	0.278	0.261	0.138	0.105	0.321	0.872	0.2828	6
7	0.180B	0.237B	0.142B	1.76	1.79	0.214	0.207	0.134	0.097	0.220	0.701	0.2758	7
8	0.285B	0.230B	0.140B	1.63	1.81	0.227	0.179	0.132	0.108	0.188	0.498	0.2888	8
9	0.270B	0.227B	0.139B	1.49	1.29	2.49	0.168	0.121	0.226	0.180	0.474	0.2628	9
10	0.252B	0.221B	0.138B	1.14	1.01	3.10 E	0.218	0.127	0.483	0.189	0.483	0.2578	10
11	0.242B	0.217B	0.137B	1.03	0.822	1.80 E	0.170	0.100	0.198	0.257	0.540	0.2508	11
12	0.273B	0.212B	0.138B	0.901	0.781	1.10 E	0.154	0.103	0.141	0.430	0.584	0.2468	12
13	0.268B	0.209B	0.138B	0.805	0.745	0.680E	0.171	0.112	0.150	0.438	0.462	0.2418	13
14	0.280B	0.205B	0.400B	0.788	0.781	0.440E	0.188	0.106	0.128	0.447	0.449	0.2388	14
15	0.268B	0.203B	1.48 B	0.895	0.781	0.360E	0.140	0.364	0.119	0.324	0.841	0.2318	15
16	0.252B	0.201	1.51 B	1.81	0.831	0.280E	0.188	0.364	0.114	0.478	2.48	0.2278	16
17	0.250B	0.201	1.63 B	2.56	0.586	0.480E	0.135	0.246	0.117	0.419	1.20 B	0.2228	17
18	0.245B	0.190	0.900B	2.13	0.474	0.630E	0.181	0.183	0.104	0.381	0.780B	0.2198	18
19	0.243B	0.204	0.360B	1.76	0.430	0.500E	0.238	0.144	0.100	0.281	0.700B	0.2158	19
20	0.242B	0.193	0.300B	1.80	0.439	0.400E	0.148	0.127	0.088	0.446	0.810B	0.2138	20
21	0.241B	0.192	0.248B	1.72	2.11	0.320E	0.133	0.130	0.083	0.471	0.580B	0.2108	21
22	0.240B	0.186	0.230B	1.46	2.77	1.10 E	0.130	0.223	0.237	0.389	0.500B	0.2068	22
23	0.238B	0.178	0.280B	1.30	1.32	0.840E	0.128	0.248	0.245	0.293	0.470B	0.2028	23
24	0.237B	0.175	0.600B	1.30	0.811	0.840E	0.139	0.185	0.167	0.261	0.440B	0.2008	24
25	0.235B	0.188B	1.70 B	1.42	0.884	0.640E	0.104	0.170	0.151	0.250	0.410B	0.1988	25
26	0.234B	0.183B	3.80 B	1.82	0.673	0.480E	0.112	0.125	0.148	0.228	0.388B	0.1938	26
27	0.233B	0.181B	5.00 B	1.46	0.551	0.440E	0.223	0.113	0.141	0.235	0.380B	0.1928	27
28	0.232B	0.167B	5.80 B	1.27	0.500	0.400E	0.137	0.118	0.133	0.222	0.365B	0.1898	28
29	0.231B		5.42	1.13	0.440	0.380E	0.114	0.128	0.128	0.202	0.350B	0.1868	29
30	0.231B		3.11	1.08	0.391	0.380E	0.107	0.121	0.116	0.218	0.338B	0.1838	30
31	0.265B		2.18		0.420		0.107	0.115		0.377		0.1818	31
TOTAL	7.321	5.849	36.419	48.710	30.488	20.327	5.783	5.331	4.404	8.829	17.819	7.322	TOTAL
MEAN	0.236	0.212	1.17	1.58	0.883	0.678	0.188	0.172	0.147	0.285	0.594	0.236	MEAN
MAX	0.285	0.300	5.80	2.84	2.77	3.10	0.380	0.387	0.483	0.478	2.48	0.327	MAX
MIN	0.180	0.157	0.138	0.788	0.381	0.214	0.104	0.100	0.083	0.108	0.250	0.181	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.539
MAXIMUM DAILY, 5.80B ON MAR 28
MINIMUM DAILY, 0.083 ON SEP 21
MAXIMUM INSTANTANEOUS,
14.8E AT 01:00 EST ON JUN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 16 36 N
LONG 79 27 00 W
DRAINAGE AREA, 37.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	633	JUL	486
FEB	514	AUG	481
MAR	3 180	SEP	381
APR	4 040	OCT	783
MAY	2 630	NOV	1 640
JUN	1 780	DEC	633

TOTAL DISCHARGE, 17 000 dam³

CHUKUNI RIVER NEAR BAR FALLS - STATION NO. 05OC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.88	12.48	10.6 B	10.08	16.9	47.8	74.5	30.7A	24.1	18.8	14.8	12.88	1
2	13.88	12.38	10.5 B	10.78	17.7	48.8	74.6	28.8	23.7	17.7	14.8	12.88	2
3	13.88	12.38	10.4 B	11.78	18.8	49.1	76.8	32.3	22.0	17.8	14.3	12.48	3
4	13.88	12.28	10.4 B	18.8	20.4	48.8	74.2	33.7	20.8	18.8	14.0	12.48	4
5	13.88	12.28	10.4 B	20.2	23.1	48.9	74.8	33.8	21.8	18.5	14.3	12.38	5
6	13.88	12.18	10.3 B	20.3	22.5	44.8	78.4	34.1	21.3	17.5	14.5	12.28	6
7	13.88	12.08	10.2 B	20.0	23.2	46.8	74.8	33.1	22.0	17.0	14.4	12.18	7
8	13.88	12.08	10.2 B	19.6	24.1	48.5	73.5	32.8	23.8	18.3	14.4	12.08	8
9	13.78	11.88	10.2 B	19.7	24.2	47.0	72.1	32.2	24.0	18.1	14.7	11.88	9
10	13.78	11.98	10.2 B	19.3	24.2	47.1	71.8	31.2	24.5	18.0	14.7	11.88	10
11	13.88	11.88	10.1 B	19.2	24.4	48.2	69.0	30.2	23.8	18.8	15.2	11.88	11
12	13.88	11.78	10.1 B	18.8	24.5	48.1	67.7	30.0	23.1	18.2	15.1	11.78	12
13	13.58	11.88	10.1 B	18.8	24.4	48.8	67.8	31.1	22.3	18.1	14.7	11.88	13
14	13.58	11.88	10.0 B	18.6	24.2	52.8	68.8	29.8	21.5	18.7	14.8	11.88	14
15	13.48	11.88	10.0 B	18.4	23.8	53.1	66.5	28.8	21.0	18.5	14.8	11.88	15
16	13.48	11.88	9.988	18.4	23.8	53.5	64.7	28.7	20.8	18.8	14.8	11.88	16
17	13.38	11.48	9.988	18.2A	23.2	52.3	63.8	27.4	19.8	18.7	14.5	11.58	17
18	13.38	11.38	9.988	18.0	23.6	53.0	63.1	28.2	18.8	18.7	14.3	11.48	18
19	13.28	11.38	9.948	17.8	24.3	52.4	61.8	27.4	19.5	18.5	14.2	11.48	19
20	13.18	11.28	9.948	17.6	25.8	48.3	60.8	28.7	19.3	18.4	14.08	11.48	20
21	13.18	11.18	9.928	17.5	27.1	52.4	59.5	27.8	19.5	18.3	13.88	11.38	21
22	13.08	11.18	9.888	17.5	27.4	59.4	58.2	27.3	21.0	18.1	13.88	11.38	22
23	13.08	11.08	9.888	17.6	27.6	70.8	58.4	28.1	20.8	18.2	13.58	11.28	23
24	12.98	10.98	9.878	17.5	28.8	70.6	55.0	24.4	18.8	18.2	13.48	11.38	24
25	12.98	10.98	9.858	14.9	30.0	70.7	49.4	23.6	19.3	18.2	13.38	11.28	25
26	12.98	10.88	9.858	18.0	40.4	71.2	36.6	23.5	18.5	18.2	13.18	11.18	26
27	12.78	10.78	9.858	18.4	43.3	73.3	36.3A	25.1	17.5	14.9	13.08	11.18	27
28	12.78	10.78	9.858	16.9	45.0	72.7	35.1E	24.3	17.7	14.8	12.98	11.18	28
29	12.68		9.858	17.1	46.6	72.2	34.0E	24.8	18.0	15.0	12.88	11.18	29
30	12.58		9.858	17.2	47.1	74.3	32.8E	25.5	17.1	15.0	12.78	11.18	30
31	12.58		9.858		47.4		31.8E	24.8		14.8		11.18	31
TOTAL	413.1	323.5	312.00	526.9	855.6	1 883.2	1 878.5	890.1	625.7	491.4	422.8	380.7	TOTAL
MEAN	13.3	11.5	10.1	17.6	27.8	58.1	60.6	28.7	20.8	15.8	14.1	11.8	MEAN
MAX	13.9	12.4	10.6	20.3	47.4	74.3	78.4	34.1	24.8	17.7	15.2	12.8	MAX
MIN	12.5	10.7	9.85	10.0	16.9	46.1	31.8	23.6	17.1	14.8	12.7	11.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.1
MAXIMUM DAILY, 78.4 ON JUL 6
MINIMUM DAILY, 9.858 ON MAR 25
MAXIMUM INSTANTANEOUS,
77.8 AT 14:50 CST ON JUL 6

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 52 20 N
LONG 93 28 00 W
DRAINAGE AREA, 4 820 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1964

* MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	38 700	JUL	182 000
FEB	28 000	AUG	78 900
MAR	27 000	SEP	54 100
APR	45 500	OCT	42 500
MAY	74 500	NOV	36 500
JUN	165 000	DEC	31 200

TOTAL DISCHARGE, 759 000 dam³

CLYDE RIVER AT GORDON RAPIDS - STATION NO. 02KF013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.28	1.14	0.754	9.98	2.80	2.85	1.08	0.280	0.077	0.048	0.187	3.70	1
2	1.27	1.14	0.748	9.27	3.02	2.78	1.01	0.248	0.080	0.047	0.184	3.48	2
3	1.23	1.10	0.715	8.31	3.84	2.74	0.924	0.220	0.074	0.048	0.188	3.40	3
4	1.15	1.02	0.755	9.40	4.41	3.02	0.908	0.212	0.088	0.048	0.186	3.32	4
5	1.14	1.01	0.858	10.2	4.81	3.35	0.931	0.214	0.083	0.047	0.196	3.18	5
6	1.13	0.980	0.723	11.8	4.82	3.44	0.880	0.208	0.059	0.048	0.218	3.27	6
7	1.08	0.967	0.784	12.8	8.02	3.25	0.850	0.191	0.057	0.048	0.226	3.77	7
8	1.17	0.987	0.784	12.8	8.48	2.98	0.827	0.185	0.083	0.048	0.278	3.28	8
9	1.25	0.925	0.732	12.3	9.44	2.70	0.814	0.177	0.057	0.048	0.513	2.88	9
10	1.29	0.938	0.718	11.3	9.31	3.01	0.898	0.178	0.053	0.047	0.883	2.77	10
11	1.32	0.902	0.705	10.2	8.11	3.30	1.08	0.183	0.057	0.047	0.708	2.71	11
12	1.24	0.884	0.753	9.23	10.5	3.43	1.08	0.182	0.058	0.048	0.748	2.83	12
13	1.19	0.885	0.725	8.86	12.3	3.20	1.07	0.178	0.054	0.048	0.687	2.48	13
14	1.17	0.884	0.719	7.83	12.5	2.80	1.00	0.185	0.053	0.047	0.898	2.27	14
15	1.18	0.881	1.08	8.87	14.1	2.80	0.858	0.183	0.053	0.048	0.938	2.13	15
16	1.16	0.875	1.27	8.38	14.0	2.37	0.788	0.168	0.053	0.050	1.44	2.09	16
17	1.15	0.868	1.54	8.05	12.2	2.38	0.748	0.148	0.054	0.048	1.95	2.05	17
18	1.16	0.824	1.62	8.50	11.1	2.34	0.890	0.137	0.052	0.050	2.16	1.88	18
19	1.18	0.787	1.61	8.14	9.85	2.18	0.823	0.127	0.051	0.051	2.21	1.91	19
20	1.24	0.748	1.58	6.86	8.38	2.11	0.885	0.120	0.051	0.088	2.27	1.87	20
21	1.22	0.801	1.50	3.77	7.61	2.08	0.843	0.128	0.080	0.131	2.38	1.84	21
22	1.16	0.898	1.40	3.89	8.34	2.03	0.830	0.132	0.060	0.188	2.31	1.79	22
23	1.12	0.884	1.36	3.86	5.46	1.93	0.495	0.125	0.055	0.208	2.29	1.76	23
24	1.10	0.822	1.32	3.47	4.91	1.82	0.441	0.117	0.053	0.259	2.28	1.70	24
25	1.10	0.801	1.45	3.32	4.48	1.74	0.382	0.107	0.053	0.258	2.55	1.82	25
26	1.11	0.818	2.04	3.20	4.12	1.61	0.351	0.095	0.051	0.248	3.15	1.58	26
27	1.12	0.776	2.31	3.08	3.77	1.58	0.348	0.080	0.051	0.228	3.51	1.88	27
28	1.10	0.788	3.83	2.94	3.53	1.43	0.387	0.098	0.048	0.213	3.88	1.61	28
29	1.14		8.17	2.83	3.33	1.29	0.337	0.088	0.048	0.187	3.85	1.48	29
30	1.15		10.5	2.81	3.06	1.19	0.323	0.088	0.048	0.178	3.83	1.48	30
31	1.12		11.8		2.92		0.308	0.080		0.172		1.80	31
TOTAL	38.45	25.358	84.841	212.43	219.85	73.58	23.188	4.887	1.705	3.221	48.893	73.07	TOTAL
MEAN	1.18	0.808	2.09	7.08	7.10	2.45	0.718	0.157	0.057	0.104	1.58	2.36	MEAN
MAX	1.32	1.14	11.8	12.8	14.1	3.44	1.08	0.280	0.080	0.259	3.88	3.77	MAX
MIN	1.08	0.748	0.705	2.81	2.80	1.19	0.308	0.080	0.048	0.047	0.187	1.48	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.15
MAXIMUM DAILY, 14.1 ON MAY 15
MINIMUM DAILY, 0.047 ON OCT 2
MAXIMUM INSTANTANEOUS,
15.5 AT 19:23 EST ON MAY 15

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 08 04 N
LONG 74 37 52 W
DRAINAGE AREA, 380 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 150	JUL	1 920
FEB	2 180	AUG	421
MAR	5 800	SEP	147
APR	18 400	OCT	278
MAY	18 000	NOV	4 030
JUN	6 380	DEC	6 310

TOTAL DISCHARGE, 67 800 dam³

CLYDE RIVER NEAR LANARK - STATION NO. 02KF010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.56 B	2.04 B	1.10 B	27.6 B	8.55	8.27	2.78	0.477	0.067E	0.083E	0.540E	5.85 B	1
2	3.56 B	1.84 B	1.13 B	33.7 B	7.33	8.19	2.65	0.436	0.077E	0.085E	0.557A	5.36 B	2
3	3.47 B	1.67 B	1.12 B	32.5 B	10.0	8.38	2.44	0.417	0.104E	0.088E	0.858E	5.20 B	3
4	3.78 B	1.78 B	1.11 B	33.5 B	11.4	8.61	2.24	0.411	0.088E	0.088E	0.580E	5.00 B	4
5	2.70 B	1.73 B	1.20 B	28.5 B	11.7	8.80	3.20	0.405	0.082E	0.072E	0.550E	4.95 B	5
6	2.60 B	1.67 B	1.22 B	28.0 B	12.4	8.71	2.14	0.395	0.058E	0.073E	0.570E	5.20 B	6
7	2.55 B	1.62 B	1.20 B	27.9	15.4	8.63	2.00	0.381	0.054E	0.078E	0.840E	5.80 B	7
8	2.77 B	1.58 B	1.18 B	27.4	19.6	8.07	1.82	0.288	0.052E	0.078E	0.780E	5.70 B	8
9	3.10 B	1.51 B	1.18 B	26.6	21.6	8.47	1.77	0.243	0.052E	0.081E	0.820E	4.80 B	9
10	3.00 B	1.48 B	1.14 B	23.5	21.6	8.57	3.18	0.218	0.088E	0.085E	1.15 E	4.20 B	10
11	2.80 B	1.48 B	1.12 B	21.2	20.6	7.87	4.34	0.210E	0.058E	0.088E	1.40 E	4.00 B	11
12	2.80 B	1.43 B	1.10 B	19.0	21.6	7.37	3.46	0.194E	0.054E	0.090E	1.80 E	3.78 B	12
13	2.40 B	1.40 B	1.08 B	17.2	25.2	6.83	2.81	0.180E	0.053E	0.088E	1.78 E	3.80 B	13
14	2.28 B	1.37 B	1.04 B	16.3	28.8	5.94	2.35	0.170E	0.051A	0.088E	1.66 E	3.30 B	14
15	2.21 B	1.35 B	2.50 B	14.9	28.2	5.38	2.01	0.198E	0.061E	0.102E	2.00 E	3.11 B	15
16	2.18 B	1.32 B	4.10 B	13.5	28.4	4.87	1.70	0.147A	0.051E	0.108E	2.40 E	3.08 B	16
17	2.15 B	1.30 B	3.90 B	12.8	24.6	5.13	1.49	0.138E	0.051E	0.110E	2.80 E	3.02 B	17
18	2.18 B	1.24 B	3.80 B	12.1	21.3	5.80	1.34	0.130E	0.050E	0.113E	3.20 E	2.85 B	18
19	2.21 B	1.20 B	3.80 B	11.2	19.0	6.48	1.17	0.125E	0.050E	0.120E	3.40 E	2.88 B	19
20	2.28 B	1.22 B	3.59 B	10.3	18.9	5.88	1.02	0.180E	0.050E	0.150E	3.80 E	2.78 B	20
21	2.17 B	1.25 B	3.48 B	9.28	15.0	5.31	0.884	0.210E	0.050E	0.250E	3.58 E	2.70 B	21
22	2.10 B	1.30 B	3.35 B	8.19	13.4	5.13	0.837	0.288A	0.048E	0.430E	3.58 B	2.63 B	22
23	2.04 B	1.28 B	3.20 B	7.71	11.8	4.88	0.795	0.220E	0.058E	0.700E	3.52 B	2.58 B	23
24	2.00 B	1.25 B	3.10 B	7.45	11.0	4.51	0.782	0.108E	0.065E	0.700E	3.80 B	2.53 B	24
25	1.98 B	1.22 B	3.25 B	7.14	10.0	4.21	0.730	0.082E	0.079E	0.680E	3.90 B	2.60 B	25
26	1.97 B	1.20 B	4.67 B	6.82	8.78	3.89	0.680	0.080E	0.075E	0.620E	4.80 B	2.46 B	26
27	1.88 B	1.18 B	7.93 B	6.83	8.28	3.56	0.804	0.072E	0.070E	0.580E	5.40 B	2.41 B	27
28	1.88 B	1.18 B	14.0 B	6.33	8.42	3.26	0.678	0.074E	0.068E	0.580E	5.80 B	2.38 B	28
29	2.00 B		26.0 B	6.07	7.45	3.07	0.722	0.078E	0.080E	0.550E	5.80 B	2.35 B	29
30	2.00 B		32.0 B	6.39	6.87	2.80	0.623	0.084E	0.081E	0.540E	5.75 B	2.32 B	30
31	2.01 B		31.1 B		6.41		0.644	0.072E		0.538E		2.30 B	31
TOTAL	73.76	40.32	186.83	477.22	476.08	185.85	52.800	5.845	1.828	7.931	76.845	110.85	TOTAL
MEAN	2.38	1.44	5.45	15.9	15.4	5.52	1.70	0.214	0.081	0.258	2.55	3.58	MEAN
MAX	3.10	2.04	32.0	28.0	28.8	7.87	4.34	0.477	0.104	0.700	5.80	5.70	MAX
MIN	1.87	1.18	1.08	6.07	6.41	2.80	0.644	0.072	0.048	0.063	0.540	2.30	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.84
MAXIMUM DAILY, 32.0B ON MAR 30
MINIMUM DAILY, 0.048E ON SEP 22

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 02 46 N
LONG 76 24 03 W
DRAINAGE AREA, 814 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 370	JUL	4 540
FEB	3 480	AUG	574
MAR	14 600	SEP	158
APR	41 200	OCT	685
MAY	41 100	NOV	6 520
JUN	14 300	DEC	9 580

TOTAL DISCHARGE, 143 000 dam³

COLD CREEK AT ORLAND - STATION NO. 02MK007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.75 B	4.50 B	0.660B	3.22	1.43	1.10	0.917	0.486	1.11	0.807	2.20E	1.83 B	1
2	1.58 B	3.80 B	0.670B	2.80	2.14	1.53	0.888	0.518	1.42	1.18	1.85E	1.72 B	2
3	1.48 B	3.00 B	0.665B	2.60	2.73	1.82	0.836	0.808	0.950	1.82	1.65E	1.65 B	3
4	1.43 B	2.30 B	0.655B	5.50	1.86	1.67	0.824	0.837	0.704	1.23	1.30E	1.50 B	4
5	1.36 B	1.80 B	0.650B	5.78	2.01	1.48	0.880	1.87	0.621	0.992	1.18E	1.45 B	5
6	1.33 B	1.50 B	0.645B	3.53	3.44	1.18	0.837	1.21	0.595	0.899	1.35E	1.62 B	6
7	1.28 B	1.40 B	0.640B	2.72	6.71	0.970	0.846	0.858	0.606	0.920	1.55E	1.45 B	7
8	1.30 B	1.30 B	0.635B	2.20	6.78	0.838	0.829	0.746	0.547	0.853	2.80E	1.32 B	8
9	3.40 B	1.20 B	0.630B	1.78	3.56	0.810	0.817	0.682	0.602	0.800E	3.30E	1.26 B	9
10	2.80 B	1.13 B	0.629B	1.65	3.34	3.48	0.820	0.642	0.583	1.20 E	2.50E	1.32 B	10
11	2.80 B	1.08 B	0.628B	1.58	2.26	2.89	0.800	0.622	0.640	1.85 E	2.00E	1.24 B	11
12	2.85 B	1.05 B	0.627B	1.46	4.47	1.65	0.783	0.628	0.622	1.20 E	1.63E	1.15 B	12
13	2.70 B	1.03 B	0.625B	1.52	4.80	1.23	0.704	0.703	0.504	0.920E	1.74E	1.07 B	13
14	2.10 B	1.10 B	0.800B	1.46	2.78	1.04	0.725	0.628	0.540	0.900E	1.70E	1.00 B	14
15	1.85 B	1.20 B	11.0 B	1.51	2.10	1.03	0.770	0.572	0.953	2.20 E	5.12	0.970B	15
16	1.30 B	1.14 B	9.00 B	1.86	1.82	1.09	0.783	0.683	0.807	3.10 E	7.76	0.838B	16
17	1.18 B	1.06 B	4.80 B	1.80	1.66	1.64	0.708	0.636	1.14	2.30 E	5.69	0.805B	17
18	1.11 B	0.970B	3.03 B	1.71	1.52	1.79	0.682	0.510	1.02	1.70 E	3.69	0.800B	18
19	1.05 B	0.910B	1.95 B	1.63	1.38	1.48	0.630	0.486	0.825	1.40 E	2.59	0.850B	19
20	1.03 B	0.861B	1.26 B	1.45	1.31	2.09	0.684	0.817	0.683	2.20 E	4.61	0.840B	20
21	0.990B	0.830B	1.06 B	1.45	1.83	3.70	0.858	0.722	0.648	3.30 E	8.38	0.820B	21
22	0.970B	0.800B	0.980B	1.34	1.50	4.84	0.715	0.673	0.842	2.40 E	4.01B	0.800B	22
23	0.940B	0.770B	0.913B	1.24	1.23	3.47	0.723	0.983	4.48	1.70 E	3.05B	0.788B	23
24	0.925B	0.758B	1.15 B	1.20	1.14	2.28	0.843	0.814	2.73	1.40 E	2.00B	0.770B	24
25	0.905B	0.740B	2.00 B	1.24	1.08	1.75	0.588	0.653	1.58	1.20 E	1.89	0.780B	25
26	1.60 B	0.728B	5.20	1.27	1.11	1.52	0.581	0.588	1.11	1.07 E	1.75	0.760B	26
27	2.00 B	0.710B	15.3	1.30	1.09	1.38	0.578	0.553	0.858	0.980E	1.76	0.740B	27
28	3.00 B	0.700B	15.8	1.30	0.887	1.17	0.787	0.580	0.745	0.945E	3.19	0.730B	28
29	3.10 B		10.7	1.30	0.873	1.04	0.850	0.595	0.702	0.905E	2.01B	0.720B	29
30	3.20 B		4.48	1.37	0.889	0.878	0.803	0.703	0.625	0.900E	1.78B	0.850B	30
31	3.70 B		3.47		1.02		0.520	0.859		1.00 E		1.08 B	31
TOTAL	56.820	38.481	104.202	60.81	69.379	53.058	22.749	22.147	25.811	43.881	85.04	33.448	TOTAL
MEAN	1.84	1.37	3.38	2.03	2.24	1.77	0.734	0.714	0.884	1.42	2.83	1.08	MEAN
MAX	3.70	4.50	15.8	5.78	6.78	4.84	0.917	1.87	4.48	3.30	7.76	1.72	MAX
MIN	0.905	0.700	0.625	1.20	0.873	0.910	0.520	0.486	0.504	0.807	1.18	0.720	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.70
MAXIMUM DAILY, 15.8 ON MAR 28
MINIMUM DAILY, 0.486 ON AUG 18
MAXIMUM INSTANTANEOUS,
22.5B AT 21:24 EST ON MAR 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 06 04 N
LONG 77 47 17 W
DRAINAGE AREA, 189 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 930	JUL	1 970
FEB	3 330	AUG	1 810
MAR	9 000	SEP	2 580
APR	5 280	OCT	3 800
MAY	5 930	NOV	7 350
JUN	4 580	DEC	2 890

TOTAL DISCHARGE, 53 800 dam³

COLD CREEK NEAR BOLTON - STATION NO. 02HC023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.243	0.423E	0.226	0.435	0.324	0.480E	0.221	0.230	0.287	0.210E	0.204E	0.270E	1
2	0.244	0.352E	0.226E	0.383	0.385	0.350E	0.218	0.210	0.232	0.215E	0.203E	0.258E	2
3	0.241E	0.301E	0.220E	0.588	0.381	0.325E	0.217	0.199	0.218	0.220E	0.202E	0.258E	3
4	0.240E	0.285E	0.221	0.653	0.331	0.540E	0.218	0.453	0.217	0.215E	0.201E	0.264E	4
5	0.236E	0.258E	0.237	0.898	0.378	0.480E	0.215	0.288	0.220	0.210E	0.220E	0.278	5
6	0.230E	0.245	0.225E	0.598	0.402	0.280E	0.218	0.252	0.211	0.225E	0.240E	0.247	6
7	0.225E	0.238	0.267E	0.551	0.400	0.240E	0.219	0.243	0.551	0.240E	0.270E	0.225E	7
8	0.800E	0.240E	0.233E	0.452	0.488	0.280E	0.221	0.243	0.285	0.280E	0.308A	0.221	8
9	0.880E	0.267E	0.225E	0.398	0.380	0.488E	0.220	0.236	0.285	0.280E	0.280E	0.220	9
10	0.368E	0.227E	0.236	0.361	0.338	0.480E	0.218	0.238	0.259	0.330E	0.260E	0.222	10
11	0.278	0.250E	0.286	0.338	0.380	0.310E	0.208	0.240	0.257	0.300E	0.240E	0.228	11
12	0.266	0.228	0.286	0.337	1.40 E	0.245A	0.188	0.243	0.250E	0.280E	0.220E	0.225E	12
13	0.281	0.234	0.273E	0.347	1.12 E	0.237	0.201	0.247	0.240E	0.230E	0.210E	0.225	13
14	0.245E	0.261	0.885E	0.336	0.851E	0.238	0.200	0.280E	0.245E	0.270E	0.410A	0.225E	14
15	0.248	0.245	3.84 E	0.386	0.504E	0.236	0.206	0.250E	0.255E	0.330E	0.731	0.224E	15
16	0.247	0.240E	1.07	0.370	0.420E	0.248	0.200	0.245E	0.270E	0.270E	0.835	0.223E	16
17	0.245	0.229E	0.481	0.378	0.380E	0.248	0.200	0.240E	0.290E	0.258A	0.470	0.222E	17
18	0.243	0.253	0.365	0.379	0.338E	0.245	0.188	0.238E	0.270E	0.260E	0.358	0.221E	18
19	0.288	0.225	0.384E	0.357	0.340E	0.237	0.201	0.230E	0.280E	0.270E	0.309	0.220E	19
20	0.254	0.223	0.291E	0.336	0.342E	0.349	0.209	0.228E	0.260E	0.400E	0.324	0.220E	20
21	0.242E	0.236	0.283	0.318	0.400E	0.290	0.205E	0.226E	0.210E	0.380E	0.329	0.218E	21
22	0.244	0.236	0.278E	0.302	0.325E	0.740	0.195E	0.224E	0.280E	0.320E	0.279E	0.218E	22
23	0.285	0.229E	0.352E	0.283	0.290E	0.484	0.210E	0.222E	0.300E	0.280E	0.260E	0.217E	23
24	0.279	0.211E	1.05	0.282	0.260E	0.331	0.211E	0.221E	0.280E	0.285E	0.231E	0.216E	24
25	0.254	0.265E	4.25	0.292	0.250E	0.284	0.214E	0.220E	0.250E	0.250E	0.244	0.216E	25
26	0.681	0.254E	3.16	0.292	0.325E	0.267	0.229E	0.218E	0.220E	0.238E	0.259	0.214E	26
27	0.490	0.230	1.67	0.292	0.280E	0.238	0.237	0.218E	0.210E	0.224E	0.336	0.213E	27
28	0.626	0.259	1.58	0.307	0.250E	0.232	0.217	0.213E	0.230E	0.215E	0.841	0.212E	28
29	0.639		1.08	0.330	0.238E	0.225	0.206	0.210E	0.220E	0.210E	0.384E	0.211E	29
30	1.20		0.826	0.344	0.300E	0.223	0.205	0.208E	0.210E	0.208E	0.308	0.210E	30
31	0.850E		0.806		0.360E		0.201	0.205A		0.208E		0.240E	31
TOTAL	11.996	7.168	25.529	11.828	12.934	8.818	6.532	7.384	7.729	8.037	8.785	7.081	TOTAL
MEAN	0.387	0.256	0.823	0.394	0.417	0.327	0.211	0.238	0.258	0.259	0.328	0.228	MEAN
MAX	1.20	0.423	4.25	0.853	1.40	0.740	0.237	0.453	0.551	0.400	0.835	0.276	MAX
MIN	0.225	0.211	0.220	0.292	0.238	0.223	0.185	0.199	0.210	0.208	0.201	0.210	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.345
MAXIMUM DAILY, 4.25 ON MAR 25
MINIMUM DAILY, 0.185E ON JUL 22
MAXIMUM INSTANTANEOUS,
8.41 AT 10:10 EST ON MAR 25

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 53 25 N
LONG 79 43 12 W
DRAINAGE AREA, 82.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 040	JUL	584
FEB	616	AUG	638
MAR	2 210	SEP	668
APR	1 030	OCT	694
MAY	1 120	NOV	845
JUN	848	DEC	612

TOTAL DISCHARGE, 10 800 dam³

COLDWATER RIVER AT COLDWATER - STATION NO. 02ED007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.838	3.53	1.188	5.07	1.77	1.48	1.09	0.868	2.41	1.12	1.89	2.008	1
2	2.308	2.308	1.178	4.74	2.04	1.43	1.03	1.36	2.55	1.12	1.87	1.878	2
3	1.988	2.108	1.158	5.50	3.21	1.37	1.01	1.20	1.94	1.12	1.72	1.808	3
4	2.308	1.938	1.138	7.03	2.70	2.08	1.02	1.42	1.28	1.10	1.58	1.728	4
5	2.228	1.808	1.758	6.28	2.83	1.87	1.01	1.48	1.16	1.08	1.57	1.658	5
6	2.168	1.718	1.858	4.89	4.27	1.43	0.994	1.09	1.13	1.26	1.88	1.598	6
7	2.008	1.888	1.808	4.44	4.52	1.31	0.972	1.01	1.07	1.28	2.03	1.528	7
8	4.208	1.588	1.588	3.76	8.88	1.26	0.952	0.988	1.24	1.38	2.31	1.488	8
9	5.208	1.548	1.858	3.36	4.44	1.24	0.969	0.979	1.23	1.34	2.34	1.438	9
10	3.808	1.808	1.888	3.13E	3.22	1.41	0.972	1.01	1.30	1.30	2.28	1.388	10
11	3.008	1.488	1.858	3.08E	2.72	1.42	0.958	1.00	1.18	2.18	2.10	1.388	11
12	2.858	1.448	1.758	3.04E	4.78	1.28	0.934	0.969	1.09	1.74	2.04	1.338	12
13	2.858	1.438	1.808	3.88	5.42	1.18	0.908	1.14	1.10	1.86	1.88	1.308	13
14	2.708	1.728	3.008	3.70	3.51	1.18	0.931	1.03	1.11	1.53	1.83	1.278	14
15	2.608	1.608	8.208	4.71	2.85	1.18	0.921	1.08	1.11	2.72	2.83	1.258	15
16	2.508	1.538	8.308	3.63	2.68	1.21	0.937	1.24	1.06	3.84	8.12	1.238	16
17	2.408	1.488	8.38	3.41	2.18	1.27	0.918	1.07	1.10	2.82	8.28	1.208	17
18	2.308	1.448	8.00	3.24	1.88	1.38	0.930	0.971	1.08	2.21	3.88	1.198	18
19	2.228	1.388	5.42	2.78	1.80	1.35	0.918	0.981	1.04	2.01	3.08	1.178	19
20	2.168	1.388	4.90	2.58	1.78	2.88	0.900	0.955	1.03	2.70	8.07	1.188	20
21	2.148	1.338	4.53	2.44	2.29	3.43	0.881	0.973	1.01	3.16	7.85	1.158	21
22	2.108	1.308	4.08	2.28	1.94	5.18	0.889	0.988	1.30	2.88	3.008	1.148	22
23	2.088	1.288	3.90	2.15	1.58	4.85	0.880	1.38	4.08	2.31	2.258	1.138	23
24	2.048	1.268	3.72	2.07	1.58	2.84	0.882	1.08	2.35	1.83	2.158	1.128	24
25	2.028	1.248	3.908	2.07	1.48	2.03	0.880	0.974	1.74	1.78	2.108	1.118	25
26	2.008	1.238	3.808	2.18	1.78	1.85	0.884	0.955	1.48	1.88	2.43	1.108	26
27	2.358	1.228	8.67	2.02	1.77	1.41	0.867	0.945	1.37	1.84	2.85	1.088	27
28	2.318	1.208	27.0	1.83	1.49	1.32	0.852	0.941	1.26	1.53	8.50	1.088	28
29	2.308		34.6	1.88	1.42	1.32	0.858	0.976	1.20	1.50	3.408	1.088	29
30	2.318		10.7	1.82	1.38	1.13	0.885	1.85	1.18	1.45	2.758	1.078	30
31	2.508		8.34		1.48		0.847	1.32		1.48		1.408	31
TOTAL	77.52	44.54	170.91	102.88	83.88	63.97	28.927	34.238	42.72	58.24	84.88	41.38	TOTAL
MEAN	2.50	1.59	5.51	3.43	2.70	1.80	0.933	1.10	1.42	1.81	3.18	1.33	MEAN
MAX	5.20	3.53	34.6	7.03	8.88	5.18	1.09	1.85	4.08	3.84	9.12	2.00	MAX
MIN	1.83	1.30	1.13	1.82	1.38	1.13	0.847	0.868	1.01	1.08	1.87	1.07	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.28
MAXIMUM DAILY, 34.6 ON MAR 28
MINIMUM DAILY, 0.847 ON JUL 31
MAXIMUM INSTANTANEOUS,
48.8 AT 04:51 EST ON MAR 28

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 42 28 N
LONG 78 38 37 W
DRAINAGE AREA, 177 km²
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 700	JUL	2 500
FEB	3 850	AUG	2 950
MAR	14 800	SEP	3 850
APR	9 850	OCT	4 850
MAY	7 230	NOV	6 180
JUN	4 650	DEC	3 540

TOTAL DISCHARGE, 71 900 dam³

COLLINS CREEK NEAR KINGSTON - STATION NO. 02HM005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.800B	5.38 B	0.352B	8.83	1.20	0.546	0.488	0.015	0.019	0.052	0.158	3.21 B	1
2	0.470B	3.70 B	0.336B	8.86	1.31	0.713	0.444	0.014	0.028	0.022	0.282	2.95 B	2
3	0.440B	1.75 B	0.322B	9.02	1.73	0.817	0.402	0.015	0.012	0.012	0.313	2.80 B	3
4	0.410B	1.45 B	0.310B	11.4	1.84	0.782	0.371	0.024	0.008	0.005	0.308	2.30 B	4
5	0.380B	1.20 B	0.300B	15.4	2.06	0.688	0.348	0.045	0.007	0.002	0.310	2.00 B	5
6	0.350B	1.05 B	0.292B	12.4	2.25	0.578	0.323	0.028	0.008	0	0.488	1.80 B	6
7	0.320B	0.885B	0.284B	8.80	2.85	0.510	0.311	0.020	0.008	0	0.724	1.80 B	7
8	0.812B	0.740B	0.278B	8.05	5.23	0.482	0.284	0.018	0.007	0	1.58	1.40 B	8
9	0.885B	0.670B	0.288B	8.80	6.57	0.442	0.269	0.013	0.008	0	2.89	1.25 B	9
10	1.04 B	0.600B	0.280B	6.55	6.55	0.539	0.219	0.011	0.008	0	4.45	1.15 B	10
11	0.820B	0.580B	0.263B	5.14	4.46	0.832	0.181	0.010	0.008	0	8.13	1.05 B	11
12	0.610B	0.525B	0.248B	4.55	4.31	0.478	0.153	0.009	0.005	0	4.88	0.980B	12
13	0.700B	0.485B	0.240B	4.28	4.81	0.416	0.121	0.008	0.004	0	3.85	0.915B	13
14	0.580B	0.462B	0.249B	4.10	4.40	0.386	0.108	0.006	0.005	0	3.18	0.748B	14
15	0.480B	0.440B	8.64 B	3.98	3.85	0.329	0.090	0.007	0.010	0	3.85	0.875B	15
16	0.485B	0.427B	17.4 B	3.98	3.34	0.318	0.081	0.007	0.008	0	8.82	0.825B	16
17	0.435B	0.415B	8.25 B	3.84	2.94	0.557	0.076	0.008	0.011	0	10.2	0.580B	17
18	0.415B	0.407B	3.65 B	3.80	2.89	0.830	0.081	0.005	0.008	0	10.5	0.526B	18
19	0.380B	0.384B	3.95 B	3.81	2.24	0.772	0.080	0.004	0.008	0	8.83	0.485B	19
20	0.370B	0.390B	3.36 B	3.41	1.88	0.848	0.042	0.008	0.005	0.002	8.12	0.440B	20
21	0.388B	0.481B	2.80 B	3.12	1.75	1.32	0.040	0.008	0.008	0.013	8.57	0.418B	21
22	0.382B	0.650B	2.43 B	2.82	1.53	1.30	0.039	0.007	0.008	0.088	7.72	0.380B	22
23	0.358B	0.800B	2.20 B	2.56	1.35	1.19	0.041	0.008	0.017	0.185	6.38	0.370B	23
24	0.364B	0.560B	2.25 B	2.35	1.23	1.11	0.036	0.005	0.025	0.182	5.15	0.348B	24
25	0.380B	0.510B	2.86 B	2.13	1.13	1.04	0.032	0.004	0.038	0.134	4.20	0.320B	25
26	0.515B	0.485B	5.80 B	1.86	1.05	0.935	0.028	0.003	0.073	0.108	3.88	0.310B	26
27	0.710B	0.415B	15.8 B	1.75	0.955	0.838	0.027	0.003	0.090	0.096	3.80	0.300B	27
28	0.950B	0.370B	19.7	1.58	0.784	0.745	0.030	0.003	0.105	0.091	3.71	0.292B	28
29	1.20 B		20.2	1.41	0.681	0.647	0.023	0.003	0.120	0.085	3.81 B	0.287B	29
30	2.75 B		12.9	1.30	0.641	0.584	0.020	0.008	0.113	0.083	3.44 B	0.280B	30
31	5.77 B		11.1		0.593		0.018	0.004		0.085		0.310B	31
TOTAL	24.857	27.005	145.884	187.90	77.234	21.155	4.744	0.327	0.785	1.175	127.212	30.734	TOTAL
MEAN	0.792	0.964	4.70	6.26	2.49	0.705	0.153	0.011	0.028	0.038	4.24	0.991	MEAN
MAX	5.77	5.38	20.2	15.4	6.57	1.32	0.488	0.045	0.120	0.182	10.5	3.21	MAX
MIN	0.320	0.370	0.240	1.30	0.593	0.318	0.018	0.003	0.004	0	0.158	0.280	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.69
MAXIMUM DAILY, 20.2 ON MAR 29
MINIMUM DAILY, 0 ON OCT 6
MAXIMUM INSTANTANEOUS,
21.3 AT 10:30 EST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 15 24 N
LONG 76 38 48 W
DRAINAGE AREA, 155 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 130	JUL	410
FEB	2 330	AUG	28.3
MAR	12 600	SEP	68.1
APR	13 600	OCT	102
MAY	6 670	NOV	11 000
JUN	1 630	DEC	2 680

TOTAL DISCHARGE, 83 400 dam³

COMMANDA CREEK NEAR COMMANDA - STATION NO. 02DD015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.10 B	0.583B	0.475B	7.88	3.87	1.25	0.548	0.095	0.088	0.085E	0.250	0.900B	1
2	1.07 B	0.585B	0.470B	7.15	3.73	1.29	0.490	0.088	0.088	0.062E	0.294	0.880B	2
3	1.01 B	0.585B	0.485B	5.87	4.07	1.29	0.444	0.084	0.113	0.050E	0.280	0.840B	3
4	0.980B	0.570B	0.480B	5.57	3.85	1.28	0.434	0.085	0.141	0.075	0.315	0.860B	4
5	0.940B	0.570B	0.480B	5.46	3.84	1.14	0.420	0.182	0.088	0.073	0.269	0.840B	5
6	0.910B	0.570B	0.447B	5.88	5.49	1.02	0.400	0.185	0.072	0.083	0.517	0.805B	6
7	0.880B	0.570B	0.440B	5.40	5.49	0.889	0.373	0.159	0.087	0.101	0.722	0.790B	7
8	0.920B	0.570B	0.440B	5.16	5.53	0.787	0.348	0.138	0.073	0.122	0.828	0.780B	8
9	1.00 B	0.570B	0.435B	5.23	5.58	0.755	0.314	0.120	0.078	0.123	0.833	0.780B	9
10	0.924B	0.570B	0.430B	4.83	5.80	1.72	0.290	0.104	0.115	0.134	0.678	0.740B	10
11	0.880B	0.570B	0.425B	4.07	4.84	2.82	0.275	0.104	0.137	0.191	0.867	0.730B	11
12	0.860B	0.570B	0.424B	3.89	4.04	2.43	0.263	0.070	0.122	0.272	0.738	0.710B	12
13	0.820B	0.588B	0.424B	3.28	3.83	1.85	0.228	0.103	0.113	0.350	0.640	0.700B	13
14	0.800B	0.588B	0.435B	3.11	3.50	1.53	0.210	0.108	0.108	0.303	0.555	0.860B	14
15	0.770B	0.588B	0.600B	3.33	3.18	1.39	0.200	0.087	0.093	0.167	0.807	0.678B	15
16	0.740B	0.588B	2.80 B	3.58	2.84	1.27	0.187	0.113	0.101	0.183	3.37	0.668B	16
17	0.720B	0.548B	3.50 B	4.84	2.48	1.20	0.184	0.162	0.098	0.278	4.38	0.658B	17
18	0.700B	0.540B	3.40 B	5.82	2.24	1.21	0.154	0.143	0.088	0.285	3.38	0.645B	18
19	0.680B	0.538B	3.20 B	5.48	2.04	1.11	0.143	0.100	0.085	0.233	2.87	0.640B	19
20	0.670B	0.530B	2.86 B	9.07	1.82	0.978	0.122	0.089	0.083	0.267	2.28	0.630B	20
21	0.650B	0.520B	2.76 B	6.04	2.39	0.891	0.099	0.084	0.081	0.451	1.85 B	0.625B	21
22	0.640B	0.515B	2.60 B	4.96	3.12	1.05	0.085	0.078	0.127	0.415	1.50 B	0.620B	22
23	0.630B	0.505B	2.55 B	4.67	2.85	1.49	0.090	0.073	0.288	0.359	1.30 B	0.610B	23
24	0.620B	0.500B	2.52 B	4.49	2.41	1.40	0.087	0.071	0.308	0.328	1.18 B	0.600B	24
25	0.605B	0.500B	2.57 B	4.63	1.98	1.19	0.085	0.081	0.250E	0.372	1.10 B	0.595B	25
26	0.585B	0.495B	2.80 B	4.96	1.73	0.996	0.068	0.058	0.220E	0.283	1.02 B	0.590B	26
27	0.585B	0.490B	3.25 B	5.24	1.62	0.855	0.188	0.052	0.200E	0.263	0.950B	0.585B	27
28	0.580B	0.485B	4.00 B	5.07	1.48	0.748	0.213	0.050	0.180E	0.222	1.00 B	0.580B	28
29	0.570B		11.8 B	4.83	1.27	0.882	0.148	0.051	0.130E	0.193	0.950B	0.578B	29
30	0.560B		12.0 B	4.29	1.19	0.591	0.126	0.047	0.105E	0.177	0.920B	0.575B	30
31	0.550B		10.0 B		1.15		0.107	0.045		0.181		0.570B	31
TOTAL	23.878	15.241	79.710	152.30	102.69	35.890	7.313	3.004	3.783	6.880	35.770	21.804	TOTAL
MEAN	0.774	0.544	2.57	5.08	3.31	1.23	0.236	0.097	0.126	0.215	1.19	0.684	MEAN
MAX	1.10	0.670	12.0	7.88	5.58	2.82	0.548	0.185	0.308	0.481	4.38	0.900	MAX
MIN	0.550	0.485	0.424	3.11	1.15	0.591	0.085	0.045	0.067	0.050	0.248	0.570	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.34
MAXIMUM DAILY, 12.0B ON MAR 30
MINIMUM DAILY, 0.045 ON AUG 31

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 56 55 N
LONG 79 38 34 W
DRAINAGE AREA, 108 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 070	JUL	633
FEB	1 320	AUG	260
MAR	6 880	SEP	325
APR	13 200	OCT	577
MAY	8 870	NOV	3 080
JUN	3 190	DEC	1 880

TOTAL DISCHARGE, 42 300 dam³

CONESTOGO RIVER ABOVE DRAYTON - STATION NO. 02GA039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.50 B	25.6 B	0.3208	4.87	0.839	1.87	0.308	0.026	0.085	0.140	0.493	4.00 E	1
2	1.22 B	8.60 B	0.3208	3.70	0.643	1.44	0.240	0.024	0.071	0.218	0.485	2.20 E	2
3	1.05 B	5.20 B	0.3228	11.8	0.630	1.05	0.188	0.024	0.172	0.850	0.488	1.80 E	3
4	0.9908	2.80 B	0.3268	18.5	0.731	1.74	0.163	0.380	0.105	0.530	0.388	1.58 A	4
5	0.9108	1.80 B	0.3308	12.1	0.784	1.84	0.140	0.811	0.078	0.478	0.328	1.48 E	5
6	0.8508	1.10 B	0.3288	13.1	1.24	1.00	0.116	0.373	0.075	0.387	0.738	1.32 E	6
7	0.7908	0.8508	0.3508	10.6	1.08	0.888	0.098	0.188	0.078	0.388	2.88	1.28 A	7
8	13.0 B	0.7008	0.3608	8.78	1.10	0.831	0.084	0.108	0.078	0.382	3.23	1.03	8
9	8.00 B	0.6008	0.4208	5.27	1.12	0.437	0.073	0.079	0.232	0.382	4.85	0.827	9
10	6.00 B	0.5508	0.488	3.84	0.928	0.737	0.068	0.088	0.280	0.263	4.53	0.8808	10
11	3.51 B	0.5408	0.581	3.00	0.771	0.719	0.067	0.085	0.234	1.50	2.73	0.8008	11
12	3.35 B	0.5388	2.40 B	4.05	1.82	0.582	0.063	0.049	0.180	1.37	2.46	0.7408	12
13	3.20 B	0.5058	2.90 B	3.58	5.63	0.440	0.062	0.042	0.082	0.701	1.78	0.8908	13
14	3.00 B	0.4808	8.00 B	5.81	2.86	0.372	0.048	0.039	0.074	0.559	2.86	0.8508	14
15	2.24	0.4758	55.0 B	23.6	7.53	0.336	0.042	0.077	0.077	0.801	23.0	0.8208	15
16	1.67	0.4558	12.0 B	14.0	3.86	0.331	0.040	0.087	0.074	0.880	44.0	0.8008	16
17	1.28	0.4388	8.00 B	9.01	2.23	0.333	0.037	0.086	0.114	0.742	14.0	0.8808	17
18	1.11	0.4158	3.80 B	8.18	1.48	0.372	0.033	0.078	0.170	1.12	7.81	0.5558	18
19	1.04	0.4008	2.30 B	6.01	1.13	0.389	0.033	0.068	0.130	1.34	5.31	0.5358	19
20	0.953	0.3908	1.30 B	3.36	1.00	2.81	0.034	0.047	0.089	1.24	12.8	0.5208	20
21	0.838	0.3808	1.10 B	2.86	3.78	3.21	0.034	0.045	0.088	2.08	12.7 A	0.5008	21
22	0.781	0.3708	1.00 B	1.86	2.82	28.1	0.034	0.062	0.888	1.87	11.7 E	0.4908	22
23	0.744	0.3608	0.9008	1.50	1.43	17.0	0.035	0.061	2.15	1.48	7.80 E	0.4808	23
24	0.879	0.3508	1.20 B	1.29	1.06	8.83	0.034	0.073	0.835	1.04	4.80 E	0.4688	24
25	0.928	0.3428	15.8	1.16	0.827	3.23	0.032	0.087	0.475	0.808	2.50 E	0.4588	25
26	2.30	0.3388	33.8	1.18	1.48	1.72	0.038	0.083	0.333	0.837	1.42 E	0.4488	26
27	3.37	0.3308	38.0	1.13	1.78	0.887	0.038	0.081	0.256	0.848	1.88 A	0.4408	27
28	2.84	0.3268	47.7	1.04	1.06	0.707	0.041	0.088	0.214	0.841	80.1 E	0.4388	28
29	5.18		36.8	0.876	0.781	0.533	0.032	0.084	0.174	0.848	30.0 E	0.4308	29
30	13.3 B		10.8	0.948	0.987	0.387	0.027	0.088	0.152	0.888	8.80 E	0.4308	30
31	14.2 B		7.45		1.41		0.028	0.087		0.818		0.4808	31
TOTAL	101.804	84.633	288.304	183.833	85.221	80.888	2.273	3.481	8.219	24.888	278.888	27.787	TOTAL
MEAN	3.28	1.85	9.85	6.12	1.78	2.68	0.073	0.112	0.274	0.788	8.23	0.898	MEAN
MAX	14.2	25.6	55.0	23.6	7.53	28.1	0.308	0.811	2.15	2.08	80.1	4.00	MAX
MIN	0.744	0.328	0.320	0.876	0.731	0.331	0.026	0.024	0.074	0.140	0.328	0.430	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.06
MAXIMUM DAILY, 55.08 ON MAR 15
MINIMUM DAILY, 0.024 ON AUG 1
MAXIMUM INSTANTANEOUS,
1178 AT 12:00 EST ON MAR 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 46 58 N
LONG 80 36 20 W
DRAINAGE AREA, 272 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1982

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 800	JUL	198
FEB	4 720	AUG	301
MAR	25 800	SEP	710
APR	15 800	OCT	2 130
MAY	4 770	NOV	23 800
JUN	8 880	DEC	2 400

TOTAL DISCHARGE, 98 700 dam³

CONESTOGO RIVER AT GLEN ALLAN - STATION NO. 02GA028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.858	2.808	1.788	7.52	2.86	2.70	3.03	6.18	4.20	4.04	3.82	28.7	1
2	4.658	3.158	1.758	9.67	2.88	2.71	3.03	6.31	4.08	4.01	3.44	28.1	2
3	4.808	3.358	1.758	12.3	2.78	2.74	3.02	6.46	4.03	3.85	3.38	18.7	3
4	5.508	3.458	1.758	30.5	2.79	2.73	3.02	6.68	3.88	3.82	3.37	8.82	4
5	10.0 B	3.608	1.758	37.9	2.82	2.78	3.03	6.89	3.88	3.82	3.38	8.41	5
6	8.508	3.208	1.748	24.2	2.77	2.78	3.05	6.72	3.81	3.88	3.34	8.38	6
7	7.55	2.908	1.748	13.0	2.80	2.86	3.06	6.70	3.71	3.82	3.38	8.34	7
8	7.58	2.858	1.748	22.7	2.78	2.84	3.16	6.78	3.88	3.83	3.37	8.38	8
9	13.5 B	2.458	1.748	13.8	2.79	2.84	3.27	6.81	3.86	3.85	3.38	8.19	9
10	18.0 B	2.268	1.748	4.88	2.77	2.91	3.33	6.88	3.82	3.84	3.33	8.11	10
11	14.0 B	2.188	1.788	2.59	2.48	3.03	3.36	6.78	3.46	3.87	3.38	7.98	11
12	13.4 B	2.058	1.788	2.61	2.42	2.87	3.44	6.78	4.11	3.83	3.33	7.81	12
13	12.8 B	2.008	1.808	4.04	2.44	2.88	3.78	6.78	4.70	3.84	3.38	7.88	13
14	7.808	1.868	2.108	7.72	2.38	3.08	4.08	6.88	4.82	3.88	3.48	7.78	14
15	6.008	1.938	2.558	31.8	2.37	2.82	4.10	6.89	4.48	3.83	8.78	7.80	15
16	3.808	1.908	2.258	36.4	2.44	2.86	4.14	6.48	4.43	3.80	13.8	7.47	16
17	2.908	1.888	2.228	19.3	2.44	2.86	4.22	6.48	4.31	3.80	18.1	7.27	17
18	2.858	1.858	2.238	10.1	2.45	2.86	4.26	6.38	4.26	3.77	18.2	7.25	18
19	2.308	1.858	2.248	8.80	2.44	2.86	4.34	6.24	4.23	3.82	14.8	7.18	19
20	2.108	1.948	2.268	2.78	2.44	2.84	4.43	6.12	4.20	3.78	7.09	8.88	20
21	1.908	1.838	2.288	3.81	2.62	2.93	4.66	6.83	4.20	3.70	8.88	8.86	21
22	1.808	1.828	2.278	4.12	2.60	8.38	4.72	6.85	4.21	3.82	8.23	8.78	22
23	1.858	1.818	2.288	2.83	2.81	20.4	4.87	6.87	4.11	3.88	11.4	8.72	23
24	1.508	1.808	2.288	2.84	2.83	14.8	5.01	6.88	4.12	3.48	11.3	8.87	24
25	1.708	1.788	3.08	2.82	2.86	8.86	5.14	6.44	4.12	3.44	11.2	8.87	25
26	2.308	1.788	3.13	2.81	2.88	8.08	5.27	6.27	4.08	3.48	11.1	8.39	26
27	6.808	1.778	2.88	2.81	2.86	3.84	5.42	6.17	4.08	3.46	11.3	8.37	27
28	8.708	1.788	3.17	2.82	2.80	3.81	5.67	6.02	4.07	3.80	18.8	8.26	28
29	8.308		8.78	2.88	2.87	3.81	5.77	4.80	4.03	3.48	18.4	8.83	29
30	8.408		12.1	2.81	2.81	3.43	5.88	4.88	4.04	3.47	23.8	8.83	30
31	2.908		4.40		2.88		6.11	4.31		3.80		8.32	31
TOTAL	192.03	83.48	86.34	343.87	78.93	130.48	128.53	189.14	122.29	118.10	248.88	271.88	TOTAL
MEAN	6.19	2.27	2.78	11.5	2.86	4.35	4.18	6.10	4.08	3.78	8.33	8.78	MEAN
MAX	18.0	3.60	12.1	36.4	2.82	20.4	6.11	6.88	4.70	4.04	23.8	28.7	MAX
MIN	1.80	1.78	1.74	2.88	2.37	2.67	3.02	4.31	3.48	3.44	3.33	8.32	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.41
MAXIMUM DAILY, 36.4 ON APR 16
MINIMUM DAILY, 1.608 ON JAN 24
MAXIMUM INSTANTANEOUS,
52.9 AT 05:05 EST ON APR 16

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 38 17 N
LONG 80 43 05 W
DRAINAGE AREA, 878 km²
B - ICE CONDITIONS
REGULATED SINCE 1984

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 600	JUL	11 200
FEB	8 460	AUG	16 300
MAR	7 460	SEP	10 800
APR	28 700	OCT	10 000
MAY	8 810	NOV	21 800
JUN	11 300	DEC	23 800

TOTAL DISCHARGE, 171 000 dam³

CONISTON CREEK ABOVE WANAPITEI RIVER - STATION NO. 02DB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2758	0.4268	0.2688	7.60	0.880	0.570	0.337	0.208E	0.220E	0.218E	0.430E	0.3388	1
2	0.2688	0.4268	0.2658	7.48	0.880	0.558	0.330E	0.840E	0.208E	0.250E	0.392	0.3268	2
3	0.2638	0.4208	0.2628	8.11	1.05	0.807	0.320E	0.380E	0.198E	0.220E	0.488	0.3228	3
4	0.2648	0.4108	0.2588	10.8	1.04	0.871	0.387A	0.580E	0.180E	0.208E	0.434	0.3148	4
5	0.2568	0.4028	0.2638	17.0	0.895	0.878	0.398	0.480E	0.178E	0.300E	0.844	0.3098	5
6	0.2528	0.3888	0.2808	11.7	1.03	0.478	0.381	0.430E	0.172E	0.380E	1.17	0.3038	6
7	0.2488	0.3808	0.2488	9.04	0.984	0.441	0.313	0.380E	0.180E	0.300E	0.887	0.2988	7
8	0.3208	0.3638	0.2428	8.82	0.932	0.431	0.271	0.348E	0.188E	0.288E	0.804	0.2928	8
9	0.5508	0.3778	0.2388	8.82	0.888	0.896	0.180E	0.320E	0.400E	0.270E	0.890	0.2888	9
10	0.8368	0.3708	0.2388	3.91	0.784	1.01	0.218E	0.288E	0.800E	0.370E	0.874	0.2848	10
11	0.5208	0.3848	0.2328	3.14	0.714	0.881	0.206E	0.278E	0.500E	0.400E	0.848	0.2778	11
12	0.5068	0.3578	0.2308	3.00	0.695	0.878	0.188E	0.258E	0.420E	0.440E	0.742	0.2768	12
13	0.4858	0.3528	0.2278	2.77	0.827	0.801	0.185E	0.240E	0.350E	0.370E	0.695	0.2698	13
14	0.4808	0.3488	0.2268	3.27	1.00	0.844	0.178E	0.300E	0.310E	0.350E	0.654	0.2658	14
15	0.4708	0.3388	0.3328	4.68	1.17	0.838	0.180E	0.440E	0.270E	0.329E	0.658	0.2818	15
16	0.4808	0.3378	0.3258	8.85	1.02	2.69	0.187E	0.380E	0.248E	0.500E	0.734	0.2588	16
17	0.4608	0.3308	0.3208	10.8	0.918	28.2	0.182E	0.320	0.225E	0.418E	0.720	0.2568	17
18	0.4448	0.3238	0.3158	7.63	0.807	9.86	0.280E	0.232	0.212E	0.390E	0.8808	0.2528	18
19	0.4308	0.3158	0.3108	4.70	0.873	4.13	0.228E	0.195E	0.208E	0.370E	0.8408	0.2488	19
20	0.4268	0.3138	0.3068	3.48	0.859	2.38	0.204E	0.178E	0.210E	0.710E	0.9908	0.2488	20
21	0.4188	0.3098	0.3008	2.81	1.08	1.88	0.180E	0.170E	0.440E	0.890E	0.8308	0.2428	21
22	0.4108	0.3048	0.2868	2.26	1.23	1.16	0.150E	0.380E	0.380E	0.840E	0.4908	0.2408	22
23	0.4058	0.3008	0.2848	1.88	1.00	0.898	0.138E	0.345E	0.315E	0.460E	0.4808	0.2388	23
24	0.3888	0.2958	0.3308	1.55	0.898	0.920	0.130E	0.295E	0.280E	0.440E	0.4308	0.2358	24
25	0.3828	0.2908	0.4408	1.52	0.788	0.774	0.125E	0.288E	0.268E	0.418E	0.4158	0.2338	25
26	0.3888	0.2858	0.5808	1.43	0.728	0.848	0.123E	0.240E	0.310E	0.420E	0.3888	0.2318	26
27	0.3828	0.2818	0.7808	1.35	0.695	0.481	0.380E	0.228E	0.282A	0.405E	0.3808	0.2298	27
28	0.3768	0.2778	1.20 B	1.28	0.580	0.458	0.320E	0.207E	0.228E	0.380E	0.3708	0.2278	28
29	0.3758		14.8	1.18	0.470	0.392	0.278E	0.190E	0.223E	0.375E	0.3678	0.2268	28
30	0.3708		13.5	1.08	0.441	0.342	0.248E	0.180E	0.220E	0.370E	0.3488	0.2248	30
31	0.3658		9.78		0.523		0.218E	0.280E		0.520E		0.2238	31
TOTAL	12.185	9.727	47.618	180.81	28.415	81.978	7.312	9.889	8.312	12.098	18.084	8.226	TOTAL
MEAN	0.393	0.347	1.54	6.38	0.852	2.07	0.238	0.310	0.277	0.390	0.803	0.285	MEAN
MAX	0.850	0.435	14.8	17.0	1.23	28.2	0.387	0.840	0.800	0.710	1.17	0.338	MAX
MIN	0.248	0.277	0.228	1.06	0.441	0.342	0.123	0.170	0.188	0.208	0.348	0.223	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.05
MAXIMUM DAILY, 28.2 ON JUN 17
MINIMUM DAILY, 0.123E ON JUL 28
MAXIMUM INSTANTANEOUS,
31.8 AT 12:00 EST ON JUN 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 28 28 N
LONG 80 48 18 W
DRAINAGE AREA, 59.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 050	JUL	832
FEB	840	AUG	828
MAR	4 110	SEP	718
APR	13 900	OCT	1 050
MAY	2 280	NOV	1 580
JUN	5 380	DEC	711

TOTAL DISCHARGE, 33 000 dam³

REMARKS - DATA PRIOR TO 1980 COLLECTED AND PUBLISHED BY ONT. MINISTRY OF THE ENVIRONMENT UNDER STATION NO. 02DB102

CONSECON CREEK AT ALLISONVILLE - STATION NO. 02HE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.117	1.84 B	0.190	10.9	0.878	0.830	0.118	0	0.002	0.001	0.049	2.14	1
2	0.103	1.07 B	0.178	9.79	0.780	0.884	0.088	0	0.002	0.003	0.048	1.80	2
3	0.102	0.7339	0.180	10.0	0.903	1.17	0.085	0	0.001	0.002	0.044	1.32	3
4	0.084	0.444	0.238	10.4	0.875	1.08	0.080	0.002	0.001	0.001	0.045	0.887	4
5	0.088	0.264	0.209	10.3	0.878	1.04	0.078	0.008	0.001	0.001	0.043	0.745	5
6	0.082	0.188	0.178	9.11	0.984	0.954	0.082	0.008	0.001	0.002	0.074	0.820	6
7	0.088	0.178	0.1888	7.89	2.13	0.781	0.088	0.004	0.001	0.001	0.108	0.838	7
8	0.181	0.162	0.1388	6.74	3.13	0.848	0.102	0.002	0	0.001	0.251	0.421	8
9	0.163	0.1268	0.137	5.50	3.80	0.542	0.085	0	0	0.001	0.433	0.382	9
10	0.120	0.1368	0.144	4.82	3.81	0.843	0.072	0	0.001	0.002	0.408	0.329	10
11	0.103	0.221	0.141	3.85	3.30	0.502	0.063	0	0.001	0.003	0.348	0.301	11
12	0.088	0.218	0.142	3.21	4.38	0.438	0.040	0	0.001	0.002	0.320	0.278	12
13	0.108	0.208	0.118	2.78	4.78	0.383	0.028	0.001	0	0.002	0.316	0.262	13
14	0.100	0.228	0.277	2.50	4.09	0.287	0.018	0.001	0	0.003	0.334	0.230	14
15	0.093	0.218	3.80	2.27	3.33	0.280	0.015	0	0.001	0.005	0.881	0.200	15
16	0.091	0.214	3.63 B	2.08	2.88	0.214	0.012	0.001	0.002	0.014	1.89	0.183	16
17	0.084	0.218	4.38 B	1.90	2.48	0.283	0.012	0.001	0.003	0.028	2.22	0.208	17
18	0.100	0.220	3.26 B	1.82	2.18	0.281	0.013	0	0.001	0.037	2.48	0.183	18
19	0.113	0.210	2.88 B	1.85	1.91	0.357	0.008	0.001	0	0.028	2.87	0.181	19
20	0.184	0.2018	2.85 B	1.84	1.84	0.386	0.008	0.001	0	0.088	5.55	0.178	20
21	0.142	0.227	1.77	1.32	1.44	0.435	0.007	0.001	0	0.082	7.87	0.178	21
22	0.114	0.237	1.67 B	1.18	1.25	0.500	0.006	0.002	0.001	0.086	6.71	0.204	22
23	0.121	0.238	1.66 B	1.08	1.10	0.507	0.006	0.003	0.002	0.081	5.33	0.232	23
24	0.107	0.223	1.78	0.978	0.930	0.388	0.006	0.001	0.001	0.083	3.96	0.229	24
25	0.101	0.222	2.33	0.908	0.821	0.319	0.005	0	0.001	0.045	3.31	0.217	25
26	1.26	0.207	4.82	0.888	0.738	0.247	0.003	0	0.001	0.042	3.21	0.198	26
27	1.10	0.191	5.10 B	0.808	0.678	0.218	0.003	0	0.001	0.040	2.92	0.178	27
28	0.888	0.189	13.0 B	0.770	0.888	0.170	0.003	0	0.001	0.041	3.89	0.265	28
29	0.898		18.0	0.683	0.808	0.158	0.002	0.001	0	0.038	3.00	0.243	29
30	1.27		15.1	0.817	0.532	0.138	0.001	0.001	0	0.037	2.54	0.174	30
31	1.34 B		13.0		0.575		0	0.001		0.040		0.328	31
TOTAL	9.807	8.833	103.240	117.893	58.126	14.884	1.112	0.027	0.027	0.782	81.271	13.887	TOTAL
MEAN	0.307	0.315	3.33	3.93	1.87	0.488	0.036	0.001	0.001	0.025	2.04	0.442	MEAN
MAX	1.34	1.84	18.0	10.9	4.78	1.17	0.118	0.008	0.003	0.082	7.87	2.14	MAX
MIN	0.088	0.126	0.118	0.817	0.532	0.138	0	0	0	0.001	0.043	0.174	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.07
MAXIMUM DAILY, 18.0 ON MAR 28
MINIMUM DAILY, 0 ON JUL 31
MAXIMUM INSTANTANEOUS,
18.7 AT 15:37 EST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 01 40 N
LONG 77 22 00 W
DRAINAGE AREA, 114 km²
B - ICE CONDITIONS
REGULATED SINCE 1980

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	821	JUL	95.1
FEB	783	AUG	3.20
MAR	8 920	SEP	2.33
APR	10 200	OCT	85.8
MAY	5 020	NOV	5 290
JUN	1 290	DEC	1 180

TOTAL DISCHARGE, 33 700 dam³

COPELAND CREEK NEAR PENETANGUISHENE - STATION NO. 02ED018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.120	0.166	0.072	0.318	0.107	0.081	0.080	0.028	0.108	0.040	0.057	0.138	1
2	0.112	0.116	0.071	0.292	0.099	0.092	0.048	0.030	0.100	0.042	0.058	0.133	2
3	0.098	0.111	0.068	0.268	0.194	0.085	0.047	0.031	0.088	0.040	0.078	0.128	3
4	0.086	0.092	0.070	0.882	0.123	0.117	0.044	0.037	0.084	0.040	0.072	0.114	4
5	0.088	0.085	0.065	0.500	0.123	0.091	0.048	0.038	0.048	0.042	0.072	0.111	5
6	0.080	0.083	0.068	0.383	0.172	0.077	0.053	0.033	0.040	0.044	0.088	0.111	6
7	0.078	0.077	0.065	0.317	0.200	0.068	0.056	0.029	0.040	0.044	0.078	0.1048	7
8	0.159	0.078	0.065	0.244	0.487	0.065	0.048	0.032	0.056	0.055	0.083	0.100	8
9	0.1568	0.073	0.065	0.198	0.237	0.065	0.045	0.034	0.058	0.048	0.088	0.100	9
10	0.164	0.0808	0.067	0.170	0.141	0.103	0.047	0.040	0.058	0.053	0.088	0.101	10
11	0.118	0.080	0.073	0.158	0.137	0.086	0.036	0.035	0.054	0.088	0.088	0.098	11
12	0.114	0.080	0.072	0.157	0.263	0.073	0.036	0.034	0.047	0.081	0.078	0.094	12
13	0.121	0.078	0.068	0.187	0.257	0.061	0.033	0.035	0.045	0.088	0.073	0.084	13
14	0.088	0.0788	0.077	0.177	0.178	0.056	0.041	0.037	0.044	0.053	0.071	0.078	14
15	0.102	0.078	0.248	0.242	0.138	0.056	0.043	0.033	0.045	0.081	0.078	0.080	15
16	0.087	0.075	0.272	0.210	0.121	0.061	0.044	0.034	0.043	0.151	0.177	0.0778	16
17	0.085	0.078	0.2038	0.213	0.102	0.083	0.038	0.032	0.044	0.096	0.180E	0.0788	17
18	0.093	0.074	0.1408	0.187	0.097	0.072	0.037	0.035	0.043	0.084	0.140E	0.0788	18
19	0.101	0.078	0.1388	0.164	0.085	0.085	0.038	0.034	0.041	0.070	0.138E	0.0798	19
20	0.100	0.077	0.1208	0.155	0.105	0.427	0.037	0.035	0.042	0.089	0.400E	0.0808	20
21	0.088	0.076	0.108	0.138	0.481	0.382	0.037	0.044	0.041	0.097	0.220E	0.0888	21
22	0.088	0.078	0.087	0.126	0.208	0.547	0.037	0.037	0.043	0.098	0.130E	0.091	22
23	0.085	0.072	0.102	0.118	0.134	0.326	0.035	0.048	0.056	0.081	0.108E	0.085	23
24	0.085	0.073	0.115	0.117	0.106	0.159	0.034	0.041	0.045	0.073	0.100E	0.085	24
25	0.078	0.071	0.183	0.118	0.091	0.105	0.033	0.037	0.041	0.085	0.110E	0.0888	25
26	0.088	0.075	0.205	0.118	0.132	0.092	0.033	0.037	0.038	0.083	0.120E	0.0888	26
27	0.083	0.078	0.6108	0.109	0.109	0.078	0.036	0.040	0.039	0.060	0.130E	0.085	27
28	0.094	0.070	1.97 B	0.106	0.088	0.086	0.034	0.040	0.038	0.086	0.588A	0.085	28
29	0.098		1.88 B	0.101	0.085	0.062	0.033	0.085	0.041	0.085	0.238	0.083	29
30	0.131		0.5858	0.097	0.085	0.058	0.035	0.105	0.039	0.055	0.178	0.085	30
31	0.183		0.405		0.092		0.026	0.047		0.085		0.086	31
TOTAL	3.266	2.322	8.136	6.901	4.957	3.782	1.238	1.207	1.487	2.028	4.081	2.914	TOTAL
MEAN	0.105	0.083	0.262	0.217	0.180	0.126	0.040	0.039	0.050	0.085	0.135	0.094	MEAN
MAX	0.159	0.166	1.97	0.882	0.487	0.547	0.058	0.105	0.108	0.151	0.565	0.138	MAX
MIN	0.078	0.070	0.065	0.097	0.085	0.058	0.026	0.026	0.038	0.040	0.057	0.077	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.115
MAXIMUM DAILY, 1.97B ON MAR 28
MINIMUM DAILY, 0.026 ON JUL 31
MAXIMUM INSTANTANEOUS,
3.80B AT 22:48 EST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 45 48 N
LONG 79 57 10 W
DRAINAGE AREA, 26.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	282	JUL	107
FEB	201	AUG	104
MAR	703	SEP	128
APR	582	OCT	175
MAY	428	NOV	351
JUN	326	DEC	252

TOTAL DISCHARGE, 3 820 dam³

CREDIT RIVER ALTON BRANCH ABOVE ALTON - STATION NO. 02HB018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.580B	1.70 B	0.330B	1.12	0.868	0.827	0.498	0.180E	0.388	0.309	0.418	0.7008	1
2	0.550B	1.00 B	0.332B	0.811	0.727	0.713	0.533	0.200E	0.421	0.336	0.422	0.6208	2
3	0.528B	0.758B	0.338B	1.09	0.738	0.827	0.417	0.230E	0.378	0.334	0.433	0.5788	3
4	0.515B	0.580B	0.350B	1.34	0.667	0.835	0.395	0.400E	0.370	0.328	0.423	0.5808	4
5	0.505B	0.500B	0.385B	1.26	0.728	0.888	0.373	2.00 E	0.333	0.323	0.423	0.5508	5
6	0.500B	0.440B	0.358B	1.19	0.778	0.882	0.813	0.700E	0.308	0.323	0.880	0.5308	6
7	0.500B	0.410B	0.345B	1.11	0.703	0.802	0.382	0.320E	0.301	0.323	0.572	0.5158	7
8	0.900B	0.405B	0.340B	0.923	0.718	0.474	0.361	0.308E	0.294	0.322	0.820	0.5008	8
9	0.740B	0.400B	0.333B	0.808	0.870	0.434	0.351	0.260E	0.430	0.318	0.713	0.4908	9
10	0.620B	0.400B	0.333B	0.729	0.831	0.537	0.370	0.230E	0.384	0.430	0.889	0.4708	10
11	0.550B	0.405B	0.335B	0.695	0.814	0.483	0.362	0.190E	0.357	0.528	0.880	0.4808	11
12	0.540B	0.410B	0.340B	0.672	1.12	0.452	0.347	0.170E	0.328	0.493	0.648	0.4808	12
13	0.600B	0.420B	0.350B	0.735	1.26	0.385	0.348	0.210	0.318	0.481	0.617	0.4458	13
14	0.578B	0.425B	1.30 B	0.744	1.01	0.388	0.320	0.882	0.308	0.527	0.717	0.4358	14
15	0.520B	0.440B	7.50 B	0.636	0.858	0.404	0.311	0.830	0.328	0.800	1.28	0.4308	15
16	0.480B	0.438B	1.80 B	0.778	0.738	0.408	0.272	0.600	0.321	0.573	2.32	0.4208	16
17	0.470B	0.425B	0.850B	0.776	0.663	0.480	0.281	0.530	0.363	0.595	1.78	0.4158	17
18	0.482B	0.405B	0.780B	0.776	0.813	0.437	0.231A	0.438	0.338	0.594	1.33	0.4058	18
19	0.500B	0.390B	0.710B	0.804	0.879	0.388	0.227E	0.381	0.330	0.585	1.13	0.3858	19
20	0.430B	0.376B	0.670B	0.855	0.814	0.863	0.250E	0.348	0.318	0.863	0.8108	0.3808	20
21	0.420B	0.370B	0.630B	0.860	0.685	0.887	0.230E	0.345	0.318	0.655	0.8408	0.3858	21
22	0.410B	0.360B	0.600B	0.839	0.634	1.85	0.220E	0.303	0.323	0.832	1.00 B	0.3808	22
23	0.420B	0.350B	0.560B	0.812	0.601	1.64	0.210E	0.295	0.373	0.888	0.8708	0.3778	23
24	0.440B	0.340B	0.570B	0.845	0.563	1.40	0.208E	0.287	0.382	0.840	0.7408	0.3738	24
25	0.390B	0.333B	1.32	0.845	0.544	2.09	0.217E	0.274	0.347	0.805	0.7008	0.3758	25
26	0.640B	0.330B	3.90	0.661	0.838	1.38	0.300E	0.257	0.334	0.488	0.717	0.3788	26
27	0.580B	0.328B	4.47	0.663	0.758	0.980	0.360E	0.253	0.330	0.478	0.748	0.3808	27
28	0.520B	0.328B	4.85	0.584	0.661	0.771	0.480E	0.243	0.318	0.443	1.30	0.3908	28
29	0.540B		4.04	0.582	0.594	0.844	0.430E	0.245	0.310	0.434	1.00 B	0.4108	29
30	0.640B		2.38	0.841	0.574	0.880	0.300E	0.248	0.310	0.433	0.8008	0.4258	30
31	1.05 B		1.58		0.694		0.178E	0.238		0.432		0.4908	31
TOTAL	17.147	13.481	62.818	23.783	22.581	22.388	10.273	11.904	10.237	14.598	25.480	14.068	TOTAL
MEAN	0.553	0.481	1.38	0.792	0.729	0.747	0.331	0.384	0.341	0.471	0.849	0.454	MEAN
MAX	1.05	1.70	7.50	1.34	1.26	2.09	0.533	2.00	0.430	0.863	2.32	0.700	MAX
MIN	0.390	0.328	0.330	0.636	0.544	0.388	0.178	0.170	0.294	0.309	0.418	0.373	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.627
MAXIMUM DAILY, 7.50B ON MAR 15
MINIMUM DAILY, 0.170E ON AUG 12

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 51 14 N
LONG 80 05 02 W
DRAINAGE AREA, 59.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 480	JUL	888
FEB	1 160	AUG	1 030
MAR	3 700	SEP	884
APR	2 060	OCT	1 260
MAY	1 950	NOV	2 200
JUN	1 940	DEC	1 220

TOTAL DISCHARGE, 19 600 dam³

CREDIT RIVER AT BOSTON MILLS - STATION NO. 02HB018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.70B	7.20B	2.60B	5.06	3.85	4.87	2.31	1.48	2.34	1.81	2.14	3.18B	1
2	3.60B	5.20B	2.53B	4.81	4.06	4.16	2.06	1.49	2.74	1.93	2.12	2.80B	2
3	3.40B	4.20B	2.68B	5.67	4.36	3.91	1.86	1.48	2.39	1.97	2.20	2.70B	3
4	3.38B	3.90B	2.65B	7.76	3.47	5.40	1.81	3.78	2.04	1.84	2.21	2.65B	4
5	3.30B	3.20B	2.73B	7.23	4.02	4.31	2.04	8.17	1.90	1.82	2.33	2.48B	5
6	3.30B	2.80B	2.70B	6.38	4.67	3.37	2.01	3.72	1.84	2.00	2.87	2.40B	6
7	3.30B	2.68B	2.70B	5.58	4.28	2.85	2.01	2.57	1.81	1.85	3.37	2.30B	7
8	7.00B	2.50B	2.70B	5.53	4.17	2.68	1.89	2.25	1.84	1.92	3.88	2.28B	8
9	6.00B	2.47B	2.76B	4.83	3.81	2.80	1.86	2.06	2.38	1.93	4.01	2.18B	9
10	4.70B	2.46B	2.82B	4.32	3.84	3.80	1.87	1.86	2.33	2.86	3.85	2.12B	10
11	4.30B	2.45B	2.88B	4.03	3.86	3.18	1.81	1.86	2.18	3.83	3.20	2.10B	11
12	4.20B	2.47B	3.25B	3.81	3.86	2.72	1.78	1.89	2.01	2.84	3.08	2.07B	12
13	4.80B	2.65B	3.15B	4.34	4.80	2.48	1.73	2.19	1.88	2.48	2.87	2.05B	13
14	4.30B	2.70B	5.00B	4.82	8.09	2.37	1.77	3.30	1.86	2.86	3.31	2.02B	14
15	4.00B	2.80B	30.0 B	5.20	4.86	2.38	1.72	2.83	1.95	3.86	8.20	2.00B	15
16	3.80B	2.82B	12.0 B	4.96	4.22	2.52	1.68	2.87	1.90	3.12	12.4	1.98B	16
17	3.80B	2.72B	8.00B	4.85	3.81	2.84	1.86	2.84	2.08	3.01	8.84	1.96B	17
18	3.44B	2.65B	6.00B	4.71	3.57	2.87	1.82	2.28	2.06	2.91	6.80	1.95B	18
19	3.38B	2.58B	5.40B	4.36	3.31	2.83	1.83	2.09	1.98	3.19	6.36	1.94B	19
20	3.30B	2.58B	5.20B	4.01	3.48	3.81	1.71	2.04	1.90	6.14	6.43	1.92B	20
21	3.20B	2.53B	5.05B	3.87	4.05	4.41	1.69	2.09	1.84	3.93	4.85	1.91B	21
22	3.10B	2.50B	4.97B	3.70	3.68	4.81	1.63	2.00	1.87	3.38	4.10B	1.90B	22
23	3.08B	2.80B	4.87B	3.56	3.34	5.58	1.58	1.97	2.37	2.93	3.80B	1.90B	23
24	3.10B	2.80B	5.08B	3.42	3.33	5.33	1.55	1.92	2.12	2.83	3.40B	1.90B	24
25	3.10B	2.60B	8.21	3.34	3.14	7.08	1.57	1.83	2.04	2.46	3.25B	1.90B	25
26	5.80B	2.50B	25.9	3.22	3.80	5.38	1.83	1.74	1.90	2.38	3.16	1.92B	26
27	5.20B	2.50B	25.8	3.80	4.28	3.85	1.78	1.72	1.78	2.33	3.14	1.95B	27
28	4.40B	2.50B	26.5	3.82	3.40	3.20	2.08	1.67	1.86	2.24	8.44	2.00B	28
29	4.70B		30.2	3.80	2.97	2.82	1.90	1.71	1.80	2.17	4.50B	2.30B	29
30	5.20B		8.35	3.87	2.88	2.69	1.87	1.84	1.79	2.14	3.70B	3.00B	30
31	6.00B		6.10		4.77		1.88	1.78		2.13		3.80B	31
TOTAL	127.32	82.69	227.71	138.42	130.81	110.94	58.91	71.43	60.86	80.88	123.77	69.47	TOTAL
MEAN	4.11	2.95	7.35	4.61	4.21	3.70	1.80	2.30	2.03	2.60	4.13	2.24	MEAN
MAX	7.00	7.20	30.5	7.76	8.80	7.08	2.31	8.17	2.74	4.14	12.4	3.80	MAX
MIN	3.08	2.46	2.60	3.22	2.97	2.37	1.68	1.48	1.78	1.81	2.12	1.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.81
MAXIMUM DAILY, 30.5 ON MAR 26
MINIMUM DAILY, 1.48 ON AUG 1
MAXIMUM INSTANTANEOUS,
30.4 AT 00:30 EST ON MAR 27

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 48 26 N
LONG 79 55 39 W
DRAINAGE AREA, 402 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	11 000	JUL	4 830
FEB	7 140	AUG	8 170
MAR	19 700	SEP	5 270
APR	12 000	OCT	6 970
MAY	11 300	NOV	10 700
JUN	9 580	DEC	6 000

TOTAL DISCHARGE, 111 000 dam³

CREDIT RIVER AT ERINDALE - STATION NO. 02HB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.90B	18.3	4.03B	11.7	8.48	11.2	4.84	2.04	3.01	2.12	3.49	5.70B	1
2	4.85B	10.2	4.05B	8.76	8.06	31.6	4.21	1.95	3.83	2.81	3.19	4.80B	2
3	4.80B	5.50B	4.15B	14.1	7.88	11.4	4.05	1.82	3.08	2.83	3.20	4.80B	3
4	4.78B	4.80B	4.30B	23.6	7.00	14.3	3.81	3.83	2.81	2.86	3.20	4.85B	4
5	4.75B	4.20B	4.80B	20.2	7.20	11.2	3.76	8.72	2.27	2.42	3.13	4.50B	5
6	4.75B	3.90B	4.95B	15.3	7.98	8.29	3.74	6.09	2.24	2.43	4.27	4.48B	6
7	4.75B	3.70B	4.45B	15.1	7.78	8.89	3.42	4.02	2.43	2.50	8.92	4.35B	7
8	10.3 B	3.58B	4.40B	12.6	7.34	8.88	3.36	3.32	2.85	2.37	6.78	4.30B	8
9	8.20B	3.55B	4.45B	10.8	6.84	8.89	3.36	2.88	2.45	2.28	5.86	4.25B	9
10	7.30B	3.57B	4.90B	9.12	6.27	8.82	3.29	2.78	2.88	3.84	5.87	4.20B	10
11	6.60B	3.65B	4.70B	8.07	5.80	8.46	3.10	2.82	2.78	4.82	5.18	4.18B	11
12	6.50B	3.80B	5.40B	7.86	13.8	6.71	2.98	2.82	2.63	4.16	4.71	4.16B	12
13	7.20B	3.85B	5.00B	8.70	18.4	5.21	2.88	3.08	2.37	3.38	4.37	4.10B	13
14	8.70B	4.10B	4.80B	8.89	11.8	4.80	2.63	4.16	2.84	3.86	5.09	4.08B	14
15	8.20B	4.80B	48.0 B	10.8	8.86	4.78	2.76	10.3	2.87	4.25	13.9	4.06B	15
16	8.80B	4.08B	25.0 B	10.8	7.80	4.85	2.88	8.40	2.71	4.88	28.2	4.05B	16
17	8.30B	4.00B	16.0 B	9.77	6.72	5.81	2.72	3.87	2.81	5.28	18.0	4.02B	17
18	6.90B	3.95B	8.00B	9.53	6.39	6.34	2.63	3.26	2.70	4.56	11.2	4.00B	18
19	6.40B	3.85B	6.70B	8.59	6.03	5.84	2.82	2.88	2.88	5.48	7.84	4.00B	19
20	3.90B	4.00B	6.10B	7.84	5.56	7.32	3.06	2.84	2.35	12.9	7.58	4.00B	20
21	3.86B	4.06B	5.70B	7.13	7.11	7.88	3.13	2.82	2.27	6.42	8.88	4.00B	21
22	3.70B	4.10B	5.40B	6.73	8.81	21.0	2.73	2.73	4.43	5.12	8.40B	4.00B	22
23	4.05B	4.10B	5.80B	6.22	8.86	14.8	2.87	2.84	5.16	4.46	5.80B	4.00B	23
24	4.00B	4.08B	7.00B	6.01	5.92	10.4	2.81	2.67	3.08	4.02	5.10B	4.00B	24
25	4.10B	4.08B	26.0 B	5.84	5.81	19.4	5.01	2.48	2.84	3.55	4.85B	4.00B	25
26	13.3 B	4.08B	95.7	5.82	6.13	11.3	3.81	2.28	2.51	3.30	4.80B	4.03B	26
27	9.00B	4.03B	46.6	5.84	6.88	7.88	3.47	2.16	2.27	3.30	4.85B	4.08B	27
28	8.00B	4.03B	53.5	5.86	6.83	6.47	3.80	2.12	2.19	3.26	9.00B	4.20B	28
29	8.20B		47.8	6.10	6.87	6.78	2.78	2.08	2.26	3.13	8.00B	4.50B	29
30	11.0 B		25.1	6.82	8.26	6.08	2.45	2.06	2.17	3.04	7.00B	4.80B	30
31	14.3		16.3		8.48		2.06	2.10		3.86		5.50B	31
TOTAL	200.16	131.76	485.18	284.70	236.06	280.16	100.56	104.84	82.27	122.04	218.87	133.66	TOTAL
MEAN	6.46	4.71	15.0	9.82	7.61	9.34	3.24	3.38	2.74	3.94	7.30	4.31	MEAN
MAX	14.3	18.3	95.7	23.6	18.4	31.6	5.01	10.3	5.16	12.9	28.2	5.70	MAX
MIN	3.86	3.58	4.03	5.82	4.87	4.78	2.06	1.82	2.17	2.12	3.13	4.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.48
MAXIMUM DAILY, 95.7 ON MAR 26
MINIMUM DAILY, 1.82 ON AUG 3
MAXIMUM INSTANTANEOUS,
83.6 AT 05:31 EST ON JUN 2

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 32 34 N
LONG 79 38 26 W
DRAINAGE AREA, 785 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	17 300	JUL	8 690
FEB	11 400	AUG	9 040
MAR	40 200	SEP	7 110
APR	25 500	OCT	10 500
MAY	20 400	NOV	18 900
JUN	24 200	DEC	11 500

TOTAL DISCHARGE, 208 000 dam³

CREDIT RIVER AT NORVAL - STATION NO. 02HB023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.008	11.0 B	3.178	7.38	5.70	8.23	4.03	2.14	2.78	2.38	2.83	4.808	1
2	4.508	8.008	3.168	8.87	5.13	8.87	3.70	2.08	3.16	2.80	2.82	4.308	2
3	4.408	6.708	3.208	8.84	5.34	8.86	3.88	2.07	2.90	2.82	2.90	4.108	3
4	4.308	5.408	3.258	12.3	5.82	8.32	3.46	2.14	2.80	2.84	2.80	3.858	4
5	4.208	4.708	3.41	11.4	8.11	7.72	3.36	8.81	2.68	2.41	2.84	3.808	5
6	4.208	4.408	3.388	9.44	6.88	8.09	3.28	4.41	2.62	2.80	3.88	3.708	6
7	4.308	4.108	3.308	9.38	6.28	5.41	3.18	3.38	2.88	2.81	4.17	3.808	7
8	4.88	3.808	3.308	8.11	6.17	4.84	3.04	2.93	2.44	2.43	4.28	3.638	8
9	5.008	3.808	3.308	7.01	5.73	5.10	3.03	2.72	2.78	2.37	4.72	3.478	9
10	5.408	3.708	3.338	8.13	5.51	5.88	2.97	2.63	2.84	2.86	4.43	3.438	10
11	5.308	3.678	3.858	8.03	5.84	5.44	2.80	2.86	2.87	3.73	3.88	3.408	11
12	5.408	3.658	3.808	8.74	9.31	4.84	2.71	2.87	2.81	3.38	3.82	3.338	12
13	5.708	3.608	3.808	8.28	11.2	4.48	2.88	2.85	2.41	3.85	3.88	3.278	13
14	5.208	3.858	6.808	8.50	8.61	4.28	2.70	3.73	2.43	3.82	4.43	3.238	14
15	4.808	4.008	27.0 B	7.84	7.04	4.28	2.88	3.87	3.81	3.87	7.88	3.208	15
16	4.57	3.808	23.0 B	7.46	8.28	4.37	2.88	3.88	2.80	3.87	13.2	3.178	16
17	4.47	3.858	10.5 B	8.86	5.78	4.82	2.81	3.23	2.87	3.47	10.7	3.158	17
18	4.40	3.808	8.808	8.78	5.48	4.77	2.48	2.88	2.88	3.87	7.00	3.108	18
19	4.44	3.808	8.208	8.37	5.26	4.44	2.40	2.72	2.88	3.81	5.88	3.078	19
20	4.308	3.81	6.808	8.03	5.88	5.39	2.83	2.87	2.45	4.87	5.08	3.068	20
21	4.088	3.85	4.908	5.80	8.02	8.30	2.58	2.73	2.44	4.58	8.18	3.038	21
22	3.958	3.84	4.408	5.85	5.86	8.23	2.82	2.82	2.83	3.88	6.008	3.008	22
23	3.908	3.808	4.808	5.46	5.23	8.89	2.84	2.88	3.02	3.88	4.708	3.008	23
24	3.878	3.408	5.37	5.32	5.23	10.3	2.28	2.84	2.70	3.34	4.558	3.008	24
25	4.008	3.308	16.1	5.18	4.87	11.3	2.32	2.43	2.88	3.13	4.358	3.008	25
26	5.008	3.258	29.4	5.12	5.10E	7.84	2.31	2.32	2.83	3.07	4.32	3.008	26
27	5.008	3.228	29.4	5.28	5.80E	5.98	2.58	2.29	2.34	3.03	4.32	3.038	27
28	5.808	3.208	33.1	5.28	4.80E	5.28	2.81	2.28	2.38	2.98	7.08	3.078	28
29	5.708		28.7	5.30	4.10E	4.84	2.82	2.28	2.37	2.92	6.008	3.308	29
30	7.508		14.0	5.74	5.00E	4.34	2.38	2.35	2.30	2.88	5.408	3.808	30
31	8.008		9.02		7.43A		2.26	2.29		2.88		4.008	31
TOTAL	150.84	118.28	301.50	206.10	190.90	169.04	88.88	88.81	77.81	97.83	153.44	108.48	TOTAL
MEAN	5.19	4.26	9.73	8.87	8.15	8.30	2.80	2.86	2.88	3.15	5.11	3.48	MEAN
MAX	8.00	11.0	33.1	12.3	11.2	11.3	4.03	8.81	3.16	4.87	13.2	4.80	MAX
MIN	3.87	3.20	3.15	5.12	4.10	4.28	2.28	2.07	2.30	2.37	2.82	3.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.87
MAXIMUM DAILY, 33.1 ON MAR 28
MINIMUM DAILY, 2.07 ON AUG 3
MAXIMUM INSTANTANEOUS,
60.5 AT 19:30 EST ON MAR 28

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 38 55 N
LONG 79 51 32 W
DRAINAGE AREA, 815 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	13 800	JUL	7 600
FEB	10 300	AUG	7 870
MAR	26 000	SEP	6 700
APR	17 800	OCT	8 430
MAY	16 500	NOV	13 300
JUN	15 300	DEC	9 110

TOTAL DISCHARGE, 154 000 dam³

CREDIT RIVER ERIN BRANCH ABOVE ERIN - STATION NO. 02HB020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.410B	1.48	0.290B	0.547	0.449	0.857	0.280	0.204	0.260	0.173	0.238	0.488B	1
2	0.400B	1.06 B	0.292B	0.521	0.528	0.490	0.278	0.233	0.232	0.228	0.274	0.440B	2
3	0.380B	0.880B	0.295B	0.784	0.513	0.485	0.272	0.238	0.218	0.217	0.288	0.420B	3
4	0.368B	0.800B	0.320B	0.883	0.481	0.884	0.278	0.524	0.208	0.207	0.280	0.400B	4
5	0.380B	0.420B	0.345B	0.708	0.518	0.478	0.271	0.588	0.188	0.204	0.287	0.388B	5
6	0.380B	0.385B	0.330B	0.672	0.588	0.428	0.273	0.400	0.188	0.210	0.287	0.378B	6
7	0.380B	0.330B	0.328B	0.656	0.608	0.383	0.280	0.348	0.187	0.221	0.384A	0.368B	7
8	0.900B	0.330B	0.320B	0.680	0.636	0.370	0.287	0.314	0.210	0.208	0.400E	0.358B	8
9	0.720B	0.330B	0.330B	0.517	0.477	0.368	0.280	0.292	0.208	0.204	0.600E	0.350B	9
10	0.670B	0.330B	0.340B	0.487	0.488	0.418	0.268	0.287	0.282	0.318	0.430E	0.348B	10
11	0.480B	0.330B	0.378B	0.484	0.473	0.388	0.282	0.274	0.263	0.388	0.400E	0.338B	11
12	0.440B	0.330B	0.420B	0.518	0.908	0.358	0.248	0.271	0.311	0.304	0.420E	0.330B	12
13	0.500B	0.340B	0.385B	0.538	0.788	0.342	0.263	0.285	0.185	0.334	0.400E	0.327B	13
14	0.440B	0.370B	0.440B	0.504	0.571	0.302	0.263	0.360	0.226	0.278	0.831A	0.323B	14
15	0.408B	0.400B	5.49	0.588	0.488	0.318	0.272	0.373	0.218	0.304	0.849	0.320B	15
16	0.388B	0.380B	3.15	0.540	0.468	0.344	0.280	0.382	0.208	0.288	1.01	0.317B	16
17	0.368B	0.360B	0.700B	0.541	0.448	0.378	0.277	0.328	0.232	0.318	0.708	0.314B	17
18	0.341B	0.315B	0.580B	0.578	0.428	0.428	0.282	0.326	0.212	0.304	0.538	0.310B	18
19	0.325B	0.280B	0.440B	0.482	0.403	0.378	0.288	0.286	0.204	0.400E	0.882	0.307B	19
20	0.313B	0.268B	0.400B	0.430	0.428	0.681	0.287	0.298	0.218	0.478E	0.820	0.303B	20
21	0.308B	0.280B	0.380B	0.427	0.480	0.884	0.240	0.298	0.201	0.900B	0.670B	0.300B	21
22	0.305B	0.304B	0.365B	0.407	0.488	0.810	0.233	0.292	0.281	0.480A	0.580B	0.300B	22
23	0.310B	0.287B	0.360B	0.427	0.440	0.688	0.238	0.301	0.307	0.324	0.548B	0.300B	23
24	0.320B	0.283B	0.430B	0.413	0.428	0.511	0.278	0.287	0.323	0.278	0.540B	0.300B	24
25	0.300B	0.288B	1.13	0.432	0.408	0.482	0.274	0.278	0.189	0.288	0.548B	0.300B	25
26	0.800B	0.288B	3.24	0.414	0.877	0.431	0.280	0.288	0.172	0.282	0.588B	0.307B	26
27	0.520B	0.288B	2.82	0.438	0.522	0.387	0.248	0.286	0.182	0.283	0.578	0.310B	27
28	0.480B	0.288B	2.10	0.438	0.448	0.388	0.248	0.238	0.188	0.288	0.781	0.320B	28
29	0.510B		1.38	0.473	0.408	0.383	0.230	0.183	0.178	0.248	0.830B	0.320B	29
30	0.880B		0.918	0.487	0.598	0.282	0.218	0.078	0.187	0.281	0.488	0.350B	30
31	1.00 B		0.807		0.838		0.204	0.071		0.287		0.380B	31
TOTAL	14.402	11.837	29.138	15.822	16.032	13.508	8.031	8.138	6.480	8.024	15.243	10.881	TOTAL
MEAN	0.485	0.412	0.840	0.527	0.517	0.480	0.258	0.285	0.218	0.281	0.508	0.342	MEAN
MAX	1.00	1.48	5.49	0.883	0.908	0.810	0.288	0.588	0.307	0.500	1.01	0.488	MAX
MIN	0.300	0.268	0.290	0.407	0.403	0.382	0.204	0.071	0.187	0.173	0.238	0.300	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.435
MAXIMUM DAILY, 5.49 ON MAR 15
MINIMUM DAILY, 0.071 ON AUG 31
MAXIMUM INSTANTANEOUS,
6.52 AT 19:33 EST ON MAR 15

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 46 30 N
LONG 80 05 35 W
DRAINAGE AREA, 33.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 240	JUL	694
FEB	887	AUG	730
MAR	2 520	SEP	580
APR	1 370	OCT	720
MAY	1 380	NOV	1 320
JUN	1 170	DEC	918

TOTAL DISCHARGE, 13 700 dam³

CREDIT RIVER NEAR CATARACT - STATION NO. 02HB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.509	4.13	0.8408	2.24	1.84	2.08	1.12	0.874	1.08	0.830	0.869	1.87 B	1
2	1.408	1.83 B	0.8408	1.84	1.81	1.88	1.00	0.884	1.32	0.877	0.872	1.45 B	2
3	1.338	1.80 B	0.8408	2.27	1.72	1.43	0.944	0.886	1.08	0.877	0.848	1.38 B	3
4	1.278	1.30 B	0.8808	3.01	1.80	1.80	0.888	1.30	0.818	0.883	0.885	1.33 B	4
5	1.228	1.13 B	1.05 B	2.89	1.88	1.88	0.880	2.48	0.883	0.888	1.08	1.30	5
6	1.18	1.05 B	1.00 B	2.81	1.77	1.28	0.872	1.40	0.828	0.883	1.27	1.28	6
7	1.14	1.00 B	0.8808	2.78	1.82	1.13	0.851	1.92	0.838	0.848	1.88	1.23 B	7
8	2.358	0.9808	0.8308	2.22	1.81	1.05	0.837	0.821	0.828	0.823	1.88	1.21	8
9	2.058	0.9508	0.8208	1.82	1.80	1.18	0.835	0.888	1.03	0.882	1.77	1.17 B	9
10	1.708	0.9308	0.928	1.73	1.41	1.38	0.807	0.828	1.01	1.02	1.84	1.12	10
11	1.52	0.9108	1.02	1.88	1.44	1.23	0.743	0.784	0.824	1.38	1.48	1.10 B	11
12	1.47	0.8008	1.18	1.80	2.83	1.08	0.788	0.788	0.882	1.22	1.50	1.07 B	12
13	1.71	0.8008	1.17 B	1.80	3.28	0.880	0.770	0.828	0.842	1.08	1.34	1.08 B	13
14	1.38	1.02	1.28 B	1.87	2.31	0.832	0.748	1.28	0.858	1.07	1.47	1.04 B	14
15	1.28	1.08	19.4	1.97	1.88	0.956	0.738	1.33	0.877	1.48	2.78	1.04	15
16	1.22	0.9708	9.84	1.89	1.88	0.883	0.741	1.28	0.873	1.30	5.78	0.974	16
17	1.20	0.9208	4.00 B	1.82	1.84	1.04	0.711	1.13	0.848	1.18	4.08	1.02	17
18	1.21	0.8108	2.00 B	1.84	1.44	1.08	0.707	1.00	0.848	1.44	2.88	0.880	18
19	1.20	0.801	1.85 B	1.72	1.38	1.04	0.712	0.823	0.883	1.34	2.18	0.898	19
20	1.18	0.811	1.45 B	1.69	1.80	1.43	0.741	0.801	0.885	1.44	2.21	0.874	20
21	1.108	0.937	1.33 B	1.84	1.70	1.88	0.725	0.803	0.848	1.48	2.28	0.834	21
22	1.078	0.954	1.27 B	1.49	1.80	2.73	0.707	0.888	0.882	1.30	1.82 B	0.835	22
23	1.05	0.9308	1.24 B	1.39	1.38	3.46	0.888	0.889	1.01	1.18	1.80 B	0.881	23
24	1.10	0.9008	1.32	1.22	1.29	2.82	0.708	0.830	1.00	1.08	1.83 B	0.882	24
25	1.04	0.8708	4.10	1.23	1.24	4.44	0.872	0.785	0.826	0.997	1.53	0.887	25
26	1.82	0.8508	10.7	1.28	1.85	2.81	0.704	0.774	0.878	0.858	1.52	0.908	26
27	1.85	0.8408	5.73	1.47	1.89	2.08	0.807	0.785	0.888	0.830	1.45	0.892	27
28	1.48	0.8408	3.87	1.37	1.47	1.47	0.893	0.736	0.853	0.805	3.14	0.873	28
29	1.74		7.85	1.33	1.28	1.47	0.857	0.804	0.842	0.895	2.10 B	0.908	29
30	2.42		4.08	1.84	1.80	1.28	0.742	0.883	0.833	0.878	1.70 B	0.918	30
31	2.70		2.81		2.08		0.821	0.809		0.870		0.878	31
TOTAL	48.44	31.523	108.045	55.22	52.28	48.870	24.788	30.188	27.822	33.184	58.851	33.272	TOTAL
MEAN	1.47	1.13	3.39	1.84	1.88	1.88	0.799	0.973	0.921	1.07	1.90	1.07	MEAN
MAX	2.70	4.13	19.4	3.01	3.28	4.44	1.12	2.48	1.32	1.48	5.78	1.87	MAX
MIN	1.04	0.840	0.840	1.22	1.24	0.932	0.872	0.884	0.826	0.823	0.869	0.873	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.48
MAXIMUM DAILY, 19.4 ON MAR 15
MINIMUM DAILY, 0.884 ON AUG 2
MAXIMUM INSTANTANEOUS,
28.1 AT 16:44 EST ON MAR 15

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 50 08 N
LONG 80 01 21 W
DRAINAGE AREA, 205 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 930	JUL	2 140
FEB	2 720	AUG	2 610
MAR	9 080	SEP	2 380
APR	4 770	OCT	2 880
MAY	4 520	NOV	4 910
JUN	4 310	DEC	2 870

TOTAL DISCHARGE, 47 100 dam³

CREDIT RIVER NEAR ORANGEVILLE - STATION NO. 02HB013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.507	1.38	0.2888	0.489	0.438	0.949	0.284	0.153	0.364	0.282	0.208	0.4808	1
2	0.482	0.4708	0.2708	0.447	0.501	0.455	0.218	0.153	0.481	0.285	0.217	0.4508	2
3	0.4508	0.3608	0.2768	0.501	0.505	0.387	0.208	0.185	0.288	0.270	0.328	0.422	3
4	0.4108	0.3308	0.2878	0.902	0.438	0.514	0.200	0.370	0.237	0.259	0.278	0.4158	4
5	0.3708	0.3158	0.2958	0.778	0.488	0.393	0.213	1.38	0.223	0.262	0.388	0.4108	5
6	0.348	0.3108	0.2888	0.738	0.518	0.301	0.213	0.441	0.226	0.238	0.573	0.4008	6
7	0.358	0.3058	0.2858	0.838	0.455	0.284	0.207	0.286	0.211	0.217	0.563	0.3858	7
8	1.62	0.3008	0.2808	0.811	0.348	0.256	0.215	0.283	0.213	0.205	0.575	0.3808	8
9	0.713	0.2978	0.2758	0.541	0.430	0.425	0.218	0.278	0.266	0.324	0.598	0.3858	9
10	0.481	0.2958	0.2738	0.487	0.433	0.537	0.206	0.249	0.289	0.285	0.528	0.3808	10
11	0.425	0.2938	0.2778	0.474	0.453	0.448	0.197	0.236	0.247	0.438	0.477	0.3758	11
12	0.508	0.2908	0.2808	0.474	1.18	0.318	0.192	0.246	0.255	0.308	0.508	0.371	12
13	0.588	0.2958	0.352	0.608	1.08	0.288	0.197	0.260	0.261	0.225	0.468	0.3878	13
14	0.400	0.3208	0.904	0.613	0.592	0.288	0.198	0.386	0.268	0.248	0.528	0.3808	14
15	0.384	0.388	8.49	0.588	0.497	0.297	0.191	0.373	0.274	0.432	1.13	0.3858	15
16	0.376	0.3058	1.40	0.528	0.487	0.338	0.188	0.342	0.287	0.327	2.87	0.3508	16
17	0.368	0.2958	0.5008	0.508	0.437	0.334	0.180	0.263	0.337	0.288	1.03	0.3458	17
18	0.389	0.2908	0.4408	0.504	0.395	0.338	0.178	0.243	0.304	0.518	0.884	0.3428	18
19	0.387	0.2388	0.4058	0.466	0.433	0.301	0.171	0.240	0.258	0.420	0.548	0.337	19
20	0.361	0.280	0.3908	0.436	0.423	0.550	0.185	0.239	0.264	0.393	0.670	0.3408	20
21	0.332	0.305	0.3808	0.413	0.474	0.847	0.180	0.258	0.260	0.418	0.738	0.3408	21
22	0.321	0.317	0.3608	0.388	0.409	0.827	0.175	0.256	0.261	0.334	0.5808	0.3408	22
23	0.340	0.3008	0.4008	0.387	0.351	1.01	0.170	0.262	0.353	0.273	0.5208	0.3408	23
24	0.381	0.2908	0.635	0.394	0.380	0.889	0.181	0.248	0.351	0.242	0.511	0.3408	24
25	0.329	0.2878	2.17	0.248	0.360	1.85	0.182	0.248	0.289	0.226	0.511	0.3408	25
26	0.643	0.268	3.08	0.447	0.804	0.845	0.186	0.238	0.270	0.228	0.842	0.3408	26
27	0.508	0.260	2.01	0.436	0.530	0.439	0.185	0.218	0.284	0.218	0.558	0.3428	27
28	0.456	0.2708	1.87	0.395	0.395	0.385	0.371	0.207	0.270	0.228	1.40	0.3488	28
29	0.566		1.40	0.393	0.358	0.443	0.238	0.311	0.271	0.211	0.5008	0.358	29
30	0.519		0.712	0.486	0.452	0.345	0.170	0.322	0.282	0.203	0.5408	0.376	30
31	0.858		0.850		0.608		0.148	0.252		0.188		0.388	31
TOTAL	15.467	8.881	27.724	15.533	15.365	14.737	8.170	9.427	8.380	8.810	19.668	11.525	TOTAL
MEAN	0.499	0.345	0.894	0.518	0.498	0.491	0.188	0.304	0.279	0.287	0.658	0.372	MEAN
MAX	1.62	1.38	8.49	0.902	1.18	1.85	0.371	1.38	0.481	0.518	2.87	0.480	MAX
MIN	0.321	0.260	0.268	0.248	0.348	0.254	0.148	0.153	0.211	0.188	0.208	0.337	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.448
MAXIMUM DAILY, 8.49 ON MAR 15
MINIMUM DAILY, 0.148 ON JUL 31
MAXIMUM INSTANTANEOUS,
7.87 AT 12:23 EST ON MAR 15

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 53 29 N
LONG 80 03 47 W
DRAINAGE AREA, 83.3 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 340	JUL	633
FEB	838	AUG	814
MAR	2 400	SEP	722
APR	1 340	OCT	770
MAY	1 330	NOV	1 700
JUN	1 270	DEC	994

TOTAL DISCHARGE, 14 100 dam³

CREDIT RIVER WEST BRANCH AT NORVAL - STATION NO. 02HB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.810	2.81	0.3328	1.86	1.07	2.37	0.784	0.384	0.407	0.314	0.408	0.5808	1
2	0.883	1.38 B	0.3308	1.82	1.37	3.81	0.688	0.363	0.344	0.358	0.388	0.5408	2
3	0.700	0.8208	0.3608	2.27	1.35	2.28	0.678	0.351	0.318	0.345	0.408	0.503	3
4	0.505	0.7008	0.3908	2.63	1.21	2.81	0.714	0.631	0.314	0.331	0.410	0.488A	4
5	0.5008	0.8508	0.4208	3.30	1.36	2.38	0.827	0.471	0.300	0.328	0.404	0.538	5
6	0.5008	0.8308	0.3858	2.57	1.25	1.85	0.802	0.404	0.328	0.335	0.881	0.584	6
7	0.670	0.8108	0.307	2.28	1.21	1.31	0.678	0.388	0.388	0.325	0.725	0.5708	7
8	1.74	0.8908	0.341	2.01	1.18	1.08	0.606	0.362	0.321	0.323	0.588	0.588A	8
9	0.868	0.5808	0.378	1.63	1.07	1.22	0.495	0.350	0.328	0.328	0.705	0.548A	9
10	0.938	0.5408	0.411	1.46	0.983	1.42	0.513	0.340	0.313	0.808	0.807	0.480	10
11	0.934	0.5208	0.508	1.37	1.08	1.17	0.471	0.334	0.324	0.502	0.638	0.4108	11
12	1.17	0.5108	0.852	1.38	1.88	1.08	0.440	0.337	0.304	0.404	0.803	0.403	12
13	1.10	0.5008	0.833	1.40	2.41	0.817	0.426	0.316	0.288	0.367	0.478	0.3788	13
14	0.831	0.829	1.17	1.40	1.80	0.744	0.480	0.372	0.320	0.463	0.828	0.3888	14
15	0.8108	0.871	4.80	1.97	1.39	0.782	0.438	0.848	0.338	0.407	2.12	0.3858	15
16	0.7608	0.8008	3.24	1.88	1.19	0.788	0.422	0.420	0.368	0.458	3.07	0.3478	16
17	0.7608	0.4908	1.77	1.68	1.05	0.883	0.407	0.388	0.368	0.838	2.18	0.3408	17
18	0.780	0.4708	1.03	1.82	0.881	0.808	0.435	0.360	0.348	0.516	1.80	0.3308	18
19	0.7208	0.4608	0.884	1.46	0.882	0.857	0.414	0.321	0.351	0.832	1.08	0.3288	19
20	0.8408	0.4588	0.844	1.37	1.04	1.23	0.448	0.309	0.322	1.18	1.28	0.3208	20
21	0.8508	0.4688	0.817	1.32	1.08	1.27	0.458	0.345	0.326	0.895	1.24	0.3158	21
22	0.805	0.4708	0.708	1.08	0.928	2.58	0.462	0.318	0.461	0.843	0.972	0.3108	22
23	0.875	0.4408	0.768	0.977	0.800	1.70	0.474	0.327	0.467	0.486	0.788	0.3068	23
24	0.893	0.4108	0.881	0.868	0.888	2.88	0.381	0.328	0.353	0.456	0.718	0.309	24
25	0.881	0.3908	3.03	0.848	0.818	3.84	0.408	0.318	0.347	0.426	0.688	0.297	25
26	2.08	0.3808	4.87	0.845	1.02	1.81	0.372	0.313	0.352	0.421	0.715	0.3008	26
27	1.20	0.3808	5.50	0.831	0.818	1.38	0.506	0.308	0.342	0.432	0.748	0.3038	27
28	1.08	0.3908	5.88	0.828	0.743	1.23	0.498	0.335	0.336	0.418	1.32	0.3108	28
29	1.38		5.87	0.845	0.788	0.887	0.410	0.302	0.328	0.415	0.8508	0.3308	29
30	1.87		3.78	1.05	1.61	0.878	0.378	0.303	0.288	0.415	0.6808	0.343	30
31	2.17		2.44		1.88		0.382	0.304		0.425		0.388	31
TOTAL	29.694	17.550	53.946	48.222	37.304	47.892	15.267	11.120	10.278	14.202	27.585	12.387	TOTAL
MEAN	0.964	0.627	1.74	1.61	1.20	1.60	0.492	0.359	0.343	0.458	0.819	0.400	MEAN
MAX	2.17	2.81	5.88	3.53	2.41	3.81	0.784	0.848	0.487	1.18	3.07	0.880	MAX
MIN	0.500	0.350	0.307	0.828	0.743	0.744	0.372	0.302	0.288	0.314	0.388	0.297	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.882
MAXIMUM DAILY, 5.88 ON MAR 28
MINIMUM DAILY, 0.288 ON SEP 30
MAXIMUM INSTANTANEOUS,
7.88 AT 21:50 EST ON JUN 24

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 36 47 N
LONG 79 51 57 W
DRAINAGE AREA, 127 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 580	JUL	1 320
FEB	1 520	AUG	881
MAR	4 880	SEP	868
APR	4 170	OCT	1 230
MAY	3 220	NOV	2 380
JUN	4 150	DEC	1 070

TOTAL DISCHARGE, 29 100 dam³

CROWE RIVER AT MARMORA - STATION NO. 02HK003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.5	12.0	7.008	64.0	28.7	24.7	37.4	1.13	1.34	2.32	12.0	47.2	1
2	13.6	11.9	6.90	66.2	22.2	24.9	34.4	1.11	1.16	4.04	13.7	45.4	2
3	13.7	12.0	6.86	71.7	26.1	26.1	32.8	2.07	1.07	7.88	16.7	44.1	3
4	14.8	11.9	6.85	76.8	28.6	25.8	27.7	5.44	1.02	8.88	17.0	42.2 B	4
5	15.7	11.7	6.77	77.2	33.0	23.8	21.8	5.30	0.995	8.26	16.3	39.8	5
6	15.1	11.7	6.62	78.4	35.2	21.4	21.8	4.20	0.989	9.52	17.8	37.8	6
7	15.3	10.5 B	6.488	82.8	37.2	18.3	24.0	2.86	0.962	10.8	18.4	36.3	7
8	15.4	10.2 B	6.388	84.8	44.3	16.6	28.2	2.58	1.01	9.55	5.43	34.2	8
9	15.4	11.0	6.258	87.8	51.3	17.7	28.6	2.81	1.03	8.55	11.2	33.3	9
10	15.4	9.78	6.138	92.4	50.6	22.3	26.1	2.86	0.973	8.87	14.5	31.2	10
11	15.88	9.26	6.058	92.2	52.3	25.6	23.1	2.85	0.938	8.32	22.3	28.8	11
12	15.4	9.208	6.00	87.8	57.6	32.3	18.1	2.88	0.930	8.28	22.8	26.4	12
13	14.8	9.14	5.84	82.8	61.0	43.6	9.75	2.71	0.910	5.15	23.8	24.5	13
14	14.1	9.19	5.68	78.6	62.2	57.6	5.86	2.74	0.917	4.84	26.8	24.2	14
15	13.8	9.03	5.88	88.2	61.7	62.0	5.03	2.73	0.948	4.89	30.2	21.8	15
16	13.1	7.92	7.34	84.4	60.4	60.8	5.25	2.70	0.951	5.31	30.3	18.7	16
17	12.8	8.38	7.87	84.2	58.7	59.4	6.10	2.83	0.934	7.60	40.6	20.0	17
18	12.2	8.82	8.68	81.8	57.0	57.6	8.77	2.80	0.894	7.48	46.2	14.7	18
19	12.3	8.84	9.23	57.5	55.4	54.5	9.82	2.88	1.14	8.82	51.0	10.0	19
20	12.08	8.84	9.30	54.8	53.3	52.9	7.86	2.78	1.14	7.63	58.2	8.88	20
21	11.88	7.16	9.458	50.4	52.3	53.1	5.67	2.18	1.42	9.28	60.8	19.8	21
22	11.88	7.41	9.688	44.8	49.2	55.3	5.86	1.28	3.42	10.7	62.7	23.4	22
23	11.8	7.42	9.78	45.0	42.8	55.8	5.48	1.15	7.01	13.7	62.8	19.4	23
24	11.4	8.17	9.79	44.4	37.7	57.6	4.88	1.10	8.02	16.0	60.8	16.4	24
25	11.2	8.83	10.1	40.7	36.0	57.9	2.86	1.08	8.64	16.0	57.4	14.6	25
26	11.8	8.05	10.7	36.8	36.3	56.0	1.31	1.10	8.07	16.2	54.1	13.5 B	26
27	11.8	7.78	12.7	32.6	33.3	54.1	2.81	1.10	4.24	16.5	50.4	13.3 B	27
28	11.7	7.38	16.1	31.3	31.8	50.8	4.84	1.08	4.10	16.2	49.8	13.7	28
29	11.8		30.0	29.0	30.1	44.4	1.32	1.13	3.21	15.8	48.8	12.4	29
30	11.7		42.3	28.0	28.4	39.8	1.13	1.15	3.33	15.1	48.3	12.4	30
31	11.8		55.1		24.1		1.12	1.06		13.0		12.8	31
TOTAL	415.1	256.00	356.82	1 876.8	1 333.0	1 252.0	421.11	70.68	82.629	298.44	1 080.33	785.78	TOTAL
MEAN	13.4	9.11	11.5	62.5	43.0	41.7	13.6	2.29	2.08	9.59	35.0	24.4	MEAN
MAX	16.4	12.0	55.1	92.4	62.2	62.0	37.4	5.44	7.01	16.5	62.7	47.2	MAX
MIN	11.2	8.38	5.68	28.0	23.2	16.5	1.12	1.06	0.910	2.32	5.43	8.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.3
MAXIMUM DAILY, 92.4 ON APR 10
MINIMUM DAILY, 0.910 ON SEP 13
MAXIMUM INSTANTANEOUS,
95.7 AT 19:10 EST ON APR 10

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 28 54 N
LONG 77 41 06 W
DRAINAGE AREA, 1 980 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	35 800	JUL	38 400
FEB	22 000	AUG	6 120
MAR	30 800	SEP	6 430
APR	182 000	OCT	25 800
MAY	115 000	NOV	90 700
JUN	108 000	DEC	68 300

TOTAL DISCHARGE, 703 000 dam³

CROWE RIVER NEAR GLEN ALDA - STATION NO. 02HK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.39	3.279	3.328	9.48	11.7	8.24	7.18	1.03	0.218	0.371	1.78	8.34	1
2	3.34	3.208	3.288	10.0	11.7	7.81	8.78	0.888	0.283	0.878	1.86	8.84	2
3	3.37	3.068	3.248	11.6	12.8	7.83	8.34	0.852	0.313	0.433	2.22	8.31	3
4	3.14	3.148	3.218	13.7	12.8	7.85	8.03	0.830	0.284	0.476	2.14	10.1	4
5	3.28	3.178	3.188	17.2	12.8	7.49	8.80	0.807	0.332	0.398	2.07	11.0	5
6	3.34	3.188	3.178	19.2	12.8	8.84	5.88	0.770	0.211	0.428	2.87	7.03	6
7	3.38	3.128	3.148	21.6	13.5	8.34	5.32	0.718	0.288	0.339	3.72	8.88	7
8	3.63	3.108	3.138	22.8	14.4	5.88	4.74	0.908	0.388	0.288	3.78	8.43	8
9	3.52	3.098	3.108	23.5	14.8	8.14	4.23	0.813	0.353	0.260	3.12	8.84	9
10	3.38	3.088	3.088	23.0	15.0	10.3	4.08	0.847	0.338	0.224	3.38	8.84	10
11	3.39	3.088	3.088	22.4	14.8	10.8	3.84	0.888	0.278	0.238	3.73	8.78	11
12	3.38	3.028	3.028	22.0	15.2	8.78	3.88	0.488	0.222	0.238	4.08	8.87	12
13	3.28	3.008	3.018	21.8	15.8	8.13	3.48	0.418	0.204	0.237	3.98	8.32	13
14	3.31	2.988	3.148	21.5	16.0	8.78	3.08	0.483	0.193	0.324	3.89	8.22	14
15	3.21	2.988	3.488	21.5	15.8	8.43	2.88	0.383	0.210	0.328	4.87	4.88	15
16	3.23	2.908	3.488	21.4	15.8	8.33	2.61	0.438	0.260	1.01	5.20	4.80	16
17	3.27	2.858	3.458	20.5	15.2	8.72	2.33	0.342	0.288	2.27	7.48	4.51	17
18	3.30	2.818	3.448	18.5	14.8	8.88	2.08	0.284	0.288	3.88	8.21	4.48	18
19	3.33	2.778	3.438	17.8	14.4	8.67	2.05	0.278	0.288	3.78	8.18	4.43	19
20	3.37	2.718	3.428	17.4	14.1	8.37	1.81	0.878	0.270	3.78	8.18	4.40	20
21	3.18	2.858	3.418	17.0	14.3 A	8.32	1.77	0.848	0.238	3.84	8.18	4.33	21
22	3.25	2.888	3.398	16.2	13.7 A	8.80	1.88	0.878	0.512	3.77	8.21	4.30	22
23	3.33	2.848	3.378	16.1	13.0 A	8.51	1.88	0.428	1.01	3.87	7.38	4.33	23
24	3.31	2.808	3.388	14.8	12.3 A	8.18	1.48	0.301	0.887	3.41	8.72	4.28	24
25	3.318	2.488	2.408	14.3	11.8 A	8.43	1.38	0.288	0.734	3.30	7.28	4.22	25
26	3.318	2.428	2.488	13.7	11.5 A	10.3	1.27	0.281	0.715	3.08	8.08	4.14	26
27	3.308	2.388	2.868	13.0	11.1 A	10.4	1.20	0.258	0.894	2.88	7.80	4.07	27
28	3.308	2.378	3.888	12.8	10.8 A	9.48	1.33	0.228	0.518	2.84	8.12	4.05	28
29	3.308		7.218	12.2	9.80A	8.48	1.18	0.217	0.488	1.78	8.42	3.81	29
30	3.288		7.88	11.8	8.38A	7.71	1.11	0.232	0.412	1.48	7.84	3.58	30
31	3.288		8.81		8.78A		1.10	0.204		1.35		3.88	31
TOTAL	102.42	80.37	89.21	517.88	410.13	252.81	88.78	15.228	11.808	51.004	151.78	188.32	TOTAL
MEAN	3.30	2.87	2.88	17.3	13.2	8.43	3.18	0.824	0.384	1.85	5.38	5.33	MEAN
MAX	3.63	3.27	8.81	23.5	16.0	10.8	7.18	1.03	1.01	3.84	8.21	11.0	MAX
MIN	3.14	2.37	2.01	9.48	8.78	5.88	1.10	0.204	0.193	0.228	1.78	3.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.38
MAXIMUM DAILY, 23.5 ON APR 9
MINIMUM DAILY, 0.193 ON SEP 14
MAXIMUM INSTANTANEOUS,
28.3 AT 21:01 EST ON APR 9

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 50 40 N
LONG 77 55 52 W
DRAINAGE AREA, 455 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 850	JUL	8 530
FEB	8 940	AUG	1 400
MAR	7 710	SEP	994
APR	44 700	OCT	4 410
MAY	35 400	NOV	14 000
JUN	21 800	DEC	14 300

TOTAL DISCHARGE, 189 000 dam³

CURRENT RIVER AT STEPSTONE - STATION NO. 02AB021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.478	1.888	1.04 B	1.138	34.1	7.84	7.28	1.52	0.782	0.885	0.518	0.5008	1
2	2.448	1.868	1.02 B	1.188	32.0	8.88	8.35	1.38	0.750	0.747	0.481	0.5028	2
3	2.408	1.838	1.00 B	1.188	34.4	8.00	7.48	1.28	0.733	0.685	0.471	0.5058	3
4	2.388	1.808	0.9858	1.238	40.0	8.45	8.21	1.18	0.885	0.888	0.484	0.5738	4
5	2.368	1.888	0.9658	1.248	48.8	8.11	8.08	1.14	1.13	0.870	0.512	0.5888	5
6	2.328	1.858	0.9458	1.278	48.7	4.88	4.53	1.08	1.08	0.874	0.522	0.5608	6
7	2.308	1.838	0.9258	1.308	38.8	8.00	3.88	0.985	1.01	0.881	0.526	0.5548	7
8	2.278	1.818	0.9058	1.338	31.8	8.01	3.52	0.907	0.982	0.843	0.518	0.5488	8
9	2.248	1.488	0.8908	1.388	28.2	8.17	3.22	0.857	0.940	0.832	0.738	0.5388	9
10	2.218	1.478	0.8758	1.438	26.1	8.38	2.98	0.818	0.885	0.832	0.755	0.5308	10
11	2.188	1.448	0.8608	1.488	24.4	8.21	2.71	0.858	0.848	0.828	0.788	0.5258	11
12	2.168	1.428	0.8458	1.558	22.8	4.88	2.44	0.808	0.844	0.810	0.784	0.5208	12
13	2.138	1.408	0.8308	1.858	21.1	8.31	2.24	0.788	0.811	0.800	0.824	0.5148	13
14	2.118	1.388	0.8258	1.748	19.5	8.04	2.08	0.787	0.787	0.888	0.884	0.5088	14
15	2.088	1.388	0.8188	1.838	18.1	8.10	1.88	0.780	0.734	0.845	0.873	0.5008	15
16	2.068	1.348	0.8058	2.008	18.3	8.80	1.85	0.733	0.704	0.878	0.8808	0.4988	16
17	2.038	1.318	0.8008	2.248	16.5	8.02	1.83	0.681	0.678	0.885	0.8308	0.4908	17
18	2.018	1.288	0.7858	2.758	13.4	4.58	1.82	0.838	0.841	0.854	0.8058	0.4858	18
19	1.988	1.278	0.7808	3.408	11.3	4.14	1.58	0.838	0.700	0.838	0.7758	0.4808	18
20	1.978	1.258	0.7858	4.148	11.5	3.72	2.04	0.853	0.885	0.837	0.7808	0.4748	20
21	1.948	1.238	0.7858	5.458	14.0	3.36	2.05	0.748	0.888	0.842	0.7308	0.4678	21
22	1.918	1.218	0.7808	7.408	14.5	3.20	2.03	0.895	0.858	0.824	0.7158	0.4608	22
23	1.888	1.188	0.7808	10.0 B	14.1	3.03	1.97	0.878	0.831	0.808	0.7008	0.4558	23
24	1.858	1.188	0.7808	14.4	13.2	2.82	1.91	0.908	0.805	0.811	0.6858	0.4508	24
25	1.848	1.148	0.8108	18.1	14.0	2.83	1.88	0.888	0.803	0.880	0.6708	0.4478	25
26	1.818	1.128	0.8708	27.1	18.9	2.84	1.81	0.881	0.784	0.887	0.6588	0.4438	26
27	1.798	1.108	0.8108	35.7	18.2	2.85	1.84	0.834	0.741	0.878	0.6488	0.4408	27
28	1.778	1.078	0.8708	40.7	14.1	2.73	1.87	0.808	0.727	0.870	0.6388	0.4388	28
29	1.748		1.01 B	41.3	12.1	2.80	1.85	0.840	0.722	0.803	0.6288	0.4328	29
30	1.728		1.05 B	38.0	10.5	3.28	1.78	0.847	0.888	0.823	0.6188	0.4288	30
31	1.708		1.09 B		9.08		1.87	0.819		0.818		0.4258	31
TOTAL	64.08	38.37	27.850	274.88	884.18	137.10	88.77	28.230	24.818	18.038	20.438	18.828	TOTAL
MEAN	2.07	1.37	0.888	8.15	22.1	4.57	3.08	0.911	0.821	0.882	0.881	0.801	MEAN
MAX	2.47	1.84	1.09	41.3	48.8	7.84	8.35	1.82	1.13	0.747	0.873	0.800	MAX
MIN	1.70	1.07	0.760	1.13	9.08	2.80	1.87	0.838	0.841	0.870	0.484	0.425	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.81
MAXIMUM DAILY, 48.8 ON MAY 5
MINIMUM DAILY, 0.4258 ON DEC 31
MAXIMUM INSTANTANEOUS,
5..1 AT 02:13 EST ON MAY 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 33 48 N
LONG 88 14 27 W
DRAINAGE AREA, 382 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 540	JUL	8 190
FEB	3 320	AUG	2 440
MAR	2 380	SEP	2 130
APR	23 700	OCT	1 580
MAY	88 100	NOV	1 770
JUN	11 800	DEC	1 340

TOTAL DISCHARGE, 123 000 dam³

DODD CREEK BELOW PAYNES MILLS - STATION NO. 02EC031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3508	1.10 B	0.0488	0.881	0.182	0.558	0.081	0.108	0.093	0.087	0.031	0.287	1
2	0.2808	0.7008	0.0408	0.738	0.228	2.04	0.034	0.088	0.118	0.070	0.078	0.252	2
3	0.2008	0.5008	0.0408	4.20	0.213	1.41	0.031	0.088	0.108	0.041	0.085	0.223	3
4	0.1808	0.3208	0.1208	5.81	0.183	1.47	0.030	0.088	0.088	0.011	0.087	0.208	4
5	0.1308	0.2308	0.4008	2.85	0.187	0.888	0.048	0.088	0.070	0.001	0.083	0.162	5
6	0.1258	0.1708	0.2508	2.21	0.147	0.885	0.082	0.084	0.033	0.022	0.070	0.120	6
7	0.1228	0.1538	0.1708	1.84	0.121	0.408	0.037	0.080	0.004	0.070	0.181	0.150	7
8	2.00 B	0.1428	0.1038	1.12	0.185	0.334	0.071	0.082	0.038	0.071	0.488	0.1528	8
9	1.10 B	0.1388	0.1008	0.833	0.178	0.288	0.082	0.077	0.088	0.085	0.867	0.1888	9
10	0.8028	0.1358	0.1088	0.690	0.177	0.245	0.078	0.077	0.081	0.084	0.482	0.1858	10
11	0.4208	0.1348	0.1138	0.881	0.187	0.148	0.028	0.104	0.078	0.082	0.288	0.188	11
12	0.3208	0.1338	0.3208	0.678	0.248	0.119	0.008	0.080	0.073	0.147	0.223	0.088	12
13	0.4808	0.1388	0.2108	1.13	0.484	0.214	0.004	0.071	0.087	0.117	0.183	0.087	13
14	0.2708	0.1608	0.1908	0.862	0.416	0.217	0.008	0.074	0.089	0.088	0.184	0.084	14
15	0.2288	0.2878	0.3208	2.87	0.323	0.184	0.005	0.068	0.078	0.084	0.815	0.0528	15
16	0.2108	0.1308	0.2608	1.88	0.281	0.120	0.002	0.078	0.038	0.107	4.03	0.0508	16
17	0.2008	0.1158	0.2408	1.52	0.249	0.138	0	0.087	0.014	0.087	1.48	0.0488	17
18	0.2208	0.1208	7.55	4.07	0.217	0.484	0	0.085	0.085	0.118	0.853	0.0488	18
19	0.3408	0.150	3.00 B	1.58	0.182	0.484	0.047	0.085	0.075	0.117	0.414	0.0458	19
20	0.2708	0.143	1.10 B	1.06	0.194	1.88	0.031	0.085	0.073	0.188	0.342	0.0438	20
21	0.1958	0.1708	0.8008	0.748	0.228	0.887	0.018	0.082	0.088	0.350	0.3208	0.0428	21
22	0.1758	0.2008	0.7008	0.841	0.203	0.711	0.007	0.026	0.089	0.298	0.2708	0.0418	22
23	0.1888	0.1608	0.8008	0.440	0.107	0.826	0	0.011	0.051	0.182	0.2308	0.0408	23
24	0.1638	0.1308	1.08	0.381	0.230	0.423	0.087	0.004	0.088	0.141	0.2008	0.038	24
25	0.1808	0.1108	1.38	0.333	0.258	0.301	3.18	0.085	0.081	0.124	0.183	0.031	25
26	1.20 B	0.0808	1.84	0.326	3.15	0.238	2.83	0.073	0.018	0.115	0.186	0.032	26
27	0.8008	0.0768	1.61	0.337	1.46	0.211	1.04	0.028	0.002	0.104	0.308	0.029	27
28	0.3408	0.0848	2.58	0.280	0.889	0.188	0.372	0.003	0.027	0.085	0.518	0.032	28
29	0.3708		2.83	0.208	0.481	0.153	0.218	0.084	0.086	0.084	0.584	0.032	29
30	1.50 B		1.61	0.177	0.413	0.128	0.153	0.085	0.084	0.028	0.382	0.033	30
31	1.00 B		1.18		0.471		0.128	0.078		0.018		0.138	31
TOTAL	14.085	8.088	30.858	40.810	13.248	15.887	5.777	2.154	1.786	3.138	13.870	2.893	TOTAL
MEAN	0.455	0.217	0.985	1.36	0.385	0.532	0.283	0.070	0.060	0.101	0.452	0.087	MEAN
MAX	2.00	1.10	7.55	5.81	3.15	2.04	3.18	0.108	0.118	0.350	4.03	0.287	MAX
MIN	0.122	0.084	0.040	0.177	0.107	0.118	0	0.003	0.002	0.001	0.031	0.029	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.418
MAXIMUM DAILY, 7.55 ON MAR 18
MINIMUM DAILY, 0 ON JUL 17
MAXIMUM INSTANTANEOUS,
13.8 AT 14:38 EST ON MAR 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 47 12 N
LONG 81 18 03 W
DRAINAGE AREA, 88.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 220	JUL	758
FEB	824	AUG	186
MAR	2 670	SEP	156
APR	3 530	OCT	271
MAY	1 080	NOV	1 170
JUN	1 380	DEC	259

TOTAL DISCHARGE, 13 200 dam³

DEPOT CREEK AT BELLROCK - STATION NO. 02HM002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.7228	1.36 B	0.8488	4.71	1.88	1.38	1.02	1.85	0.778	0.785	0.779	1.88	1
2	0.8888	1.26 B	0.8488	4.28	2.18	1.48	1.02	1.88	0.818	0.888	0.771	1.83	2
3	0.8648	1.17 B	0.8428	4.48	2.81	1.38	1.08	1.88	0.737	0.874	0.784	1.488	3
4	0.8488	1.10 B	0.8828	4.88	2.28	1.28	1.08	1.88	0.878	0.850	0.748	1.428	4
5	0.8408	1.07 B	0.9288	5.31	1.87	1.21	1.01	1.88	0.838	0.828	0.733	1.408	5
6	0.8188	1.03 B	0.8778	5.04	2.02	1.18	1.08	1.80	0.810	0.853	0.788	1.378	6
7	0.8088	1.00 B	0.8598	4.88	2.71	1.08	1.08	1.85	0.581	0.848	0.783	1.348	7
8	1.10 B	0.8908	0.8428	4.28	3.58	1.01	1.05	1.53	0.545	0.841	0.854	1.318	8
9	0.8378	0.8818	0.8288	3.88	3.58	0.981	1.08	1.51	0.511	0.841	0.884	1.288	9
10	0.8118	0.8718	0.8088	3.82	3.34	1.12	1.08	1.49	0.488	0.838	0.922	1.278	10
11	0.7878	0.8628	0.7858	3.11	3.34	1.10	1.08	1.48	0.474	0.888	0.887	1.248	11
12	0.7758	0.8578	0.7638	2.82	3.81	1.04	1.08	1.37	0.482	0.858	0.870	1.228	12
13	0.7608	0.8558	0.7728	2.83	3.81	1.02	1.08	1.32	0.453	0.834	0.828	1.208	13
14	0.7408	1.00 B	0.9188	2.88	4.16	1.01	1.05	1.29	0.457	0.823	0.892	1.188	14
15	0.7278	0.8628	2.80 B	2.70	4.11	1.01	1.04	1.28	0.472	0.811	1.37	1.188	15
16	0.7208	0.8088	2.20 B	2.88	4.31	1.02	1.04	1.24	0.472	0.831	1.72	1.178	16
17	0.7308	0.8048	2.08 B	2.84	4.48	1.14	1.08	1.21	0.471	0.818	1.82	1.178	17
18	0.7258	0.8008	1.98 B	2.83	4.48	e1.13	1.08	1.17	0.484	0.818	1.78	1.188	18
19	0.7228	0.8008	1.88 B	2.88	4.48	1.10	1.07	1.05	0.448	0.784	1.67	1.158	19
20	0.7188	0.8048	1.80 B	2.70	4.24	1.14	1.08	1.02	0.422	0.808	1.68	1.148	20
21	0.7158	0.8878	1.45 B	2.83	4.03	1.17	1.04	0.988	0.408	0.838	1.72	1.218	21
22	0.7158	0.8388	1.40 B	2.84	3.88	1.12	1.08	0.940	0.420	0.882	1.82	1.388	22
23	0.7158	0.8828	1.35 B	2.44	3.81	1.12	1.18	0.938	0.821	0.820	1.38	1.378	23
24	0.7108	0.8888	1.33	2.37	3.75	1.22	1.28	0.922	0.524	0.803	1.28	1.388	24
25	0.7458	0.8888	1.88	2.27	3.83	1.13	1.38	0.886	0.531	0.787	1.30	1.368	25
26	0.8288	0.8858	2.31	2.18	2.22	1.08	1.88	0.811	0.536	0.788	1.46	1.388	26
27	0.8808	0.8818	3.87	2.12	1.88	1.08	1.84	0.781	0.824	0.771	1.81	1.348	27
28	0.8788	0.8818	5.80	2.08	1.88	1.03	1.88	0.724	0.887	0.788	1.78	1.348	28
29	0.8688		7.40	1.98	1.38	1.02	1.81	0.718	0.704	0.748	1.78	1.328	29
30	1.37 B		6.24	2.03	1.38	0.998	1.83	0.707	0.724	0.747	1.88	1.328	30
31	1.31 B		5.23		1.38		1.84	0.880		0.747		1.328	31
TOTAL	24.872	27.337	81.434	98.28	98.38	33.708	38.31	37.218	18.811	25.888	36.884	40.48	TOTAL
MEAN	0.802	0.878	1.88	3.18	3.88	1.12	1.17	1.20	0.884	0.824	1.23	1.31	MEAN
MAX	1.37	1.36	7.40	5.31	4.48	1.48	1.88	1.88	0.818	0.838	1.82	1.88	MAX
MIN	0.888	0.851	0.772	1.88	1.38	0.881	1.01	0.880	0.408	0.748	0.733	1.14	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.48
MAXIMUM DAILY, 7.40 ON MAR 28
MINIMUM DAILY, 0.408 ON SEP 21
MAXIMUM INSTANTANEOUS,
7.81 AT 13:43 EST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 26 17 N
LONG 78 48 48 W
DRAINAGE AREA, 188 km²

B - ICE CONDITIONS

REGULATED SINCE 1957

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 180	JUL	3 130
FEB	2 380	AUG	3 220
MAR	5 310	SEP	1 440
APR	6 230	OCT	2 310
MAY	6 240	NOV	3 200
JUN	2 810	DEC	3 600

TOTAL DISCHARGE, 45 800 dam³

DETROIT RIVER AT AMHERSTBURG - STATION NO. 02GH008

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	174.30	174.32	174.03	174.33	174.43	174.58	174.70	174.85	174.48	174.45	174.20	174.24	1
2	174.13	174.36	174.16	174.37	174.38	174.57	174.70	174.88	174.55	174.37	174.23	174.07	2
3	174.25	174.32	174.35	174.41	174.38	174.61	174.69	174.89	174.57	174.36	174.27	174.07	3
4	174.26	174.30	174.35	174.42	174.43	174.61	174.70	174.85	174.57	174.31	174.30	174.21	4
5	174.32	174.29	174.22	174.37	174.42	174.85	174.70	174.80	174.80	174.38	174.28	174.19	5
6	174.32	174.18	174.42	174.40	174.41	174.63	174.68	174.87	174.82	174.25	174.19	174.18	6
7	174.33	174.13	174.39	174.42	174.31	174.63	174.68	174.87	174.83	174.28	174.30	174.17	7
8	173.91	173.88	174.28	174.48	174.40	174.64	174.68	174.88	174.80	174.34	174.33	174.22	8
9	174.17	174.03	174.24	174.31	174.48	174.64	174.67	174.88	174.81	174.35	174.08	174.22	9
10	174.28	174.15	174.24	174.28	174.48	174.67	174.81	174.87	174.80	174.31	174.15	174.13	10
11	174.38	174.48	174.24	174.40	174.44	174.85	174.87	174.88	174.82	174.33	174.10	174.17	11
12	174.26	174.49	174.22	174.38	174.45	174.71	174.88	174.88	174.81	174.31	174.23	174.17	12
13	174.23	174.53	174.22	174.38	174.51	174.88	174.88	174.87	174.85	174.33	174.28	174.19	13
14	174.30	174.53	174.28	174.40	174.48	174.66	174.85	174.88	174.89	174.34	174.23	174.11	14
15	174.23	174.52	174.09	174.41	174.47	174.88	174.87	174.83	174.85	174.33	174.27	174.19	15
16	174.33	174.48	174.18	174.42	174.48	174.84	174.89	174.85	174.82	174.33	173.88	174.08	16
17	174.20	174.47	174.32	174.42	174.47	174.80	174.84	174.88	174.48	174.40	174.07	174.25	17
18	174.24	174.42	174.28	174.48	174.47	174.85	174.84	174.82	174.84	174.37	174.05	174.34	18
19	174.22	174.34	174.28	174.42	174.48	174.67	174.88	174.86	174.83	174.88	174.17	174.40	19
20	174.17	174.33	174.28	174.43	174.48	174.70	174.81	174.81	174.80	174.30	174.02	174.35	20
21	174.25	174.31	174.24	174.44	174.43	174.72	174.75	174.49	174.81	174.18	174.17	174.33	21
22	174.22	174.28	174.28	174.46	174.47	174.70	174.70	174.83	174.48	174.28	174.28	174.30	22
23	174.24	174.31	174.32	174.45	174.49	174.71	174.88	174.85	174.36	174.34	174.18	174.32	23
24	174.27	174.30	174.30	174.43	174.48	174.70	174.87	174.89	174.49	174.32	174.16	174.35	24
25	174.41	174.25	174.29	174.44	174.50	174.70	174.87	174.81	174.48	174.32	174.15	174.21	25
26	174.22	174.15	174.32	174.44	174.48	174.70	174.86	174.87	174.42	174.33	174.20	174.28	26
27	174.18	174.15	174.28	174.43	174.46	174.69	174.83	174.84	174.48	174.32	174.27	174.25	27
28	174.24	174.17	174.28	174.48	174.53	174.70	174.86	174.84	174.43	174.32	174.11	174.22	28
29	174.28		174.33	174.48	174.53	174.74	174.89	174.80	174.37	174.32	174.11	174.28	29
30	174.24		174.38	174.42	174.52	174.72	174.71	174.48	174.48	174.31	174.07	174.26	30
31	174.23		174.30		174.55		174.87	174.83		174.22		174.32	31
MEAN	174.24	174.30	174.27	174.41	174.48	174.68	174.88	174.88	174.80	174.33	174.18	174.22	MEAN
MAX	174.41	174.53	174.42	174.48	174.55	174.74	174.81	174.88	174.89	174.88	174.33	174.40	MAX
MIN	173.91	173.88	174.03	174.28	174.31	174.57	174.81	174.48	174.36	174.18	173.88	174.07	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 174.40
MAXIMUM DAILY, 174.81 ON JUL 20
MINIMUM DAILY, 173.91 ON JAN 8
MAXIMUM INSTANTANEOUS,
174.88 AT 22:00 EST ON JUL 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 06 40 N
LONG 83 06 52 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11995 AMHERSTBURG

DETROIT RIVER AT LA SALLE - STATION NO. 02GH007

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	174.44	174.44	174.17	174.45	174.58	174.71	---	174.78	174.83	---	174.35	174.37	1
2	174.29	174.50	174.30	174.50	174.52	174.70	---	174.72	174.86	---	174.38	174.33	2
3	174.41	174.44	174.47	174.54	174.52	174.74	---	174.72	174.70	---	174.41	174.23	3
4	174.43	174.43	174.40	174.55	174.55	174.73	---	174.88	174.71	---	174.44	174.34	4
5	174.48	174.42	174.35	174.51	174.54	174.77	---	174.73	---	174.49	174.40	174.33	5
6	174.45	174.30	174.51	174.54	174.54	174.75	174.82	174.71	---	174.41	174.24	174.30	6
7	174.45	174.33	174.50	174.55	174.45	174.75	174.81	174.70	---	174.43	174.44	174.31	7
8	174.12	174.22	174.42	174.55	174.53	174.75	174.81	174.71	---	174.48	174.48	174.35	8
9	174.34	174.24	174.38	174.45	174.55	174.75	174.78	174.72	---	174.48	174.27	174.25	9
10	174.45	174.31	174.38	174.43	174.56	174.70	174.76	174.70	---	174.45	174.34	174.29	10
11	174.51	174.55	174.37	174.52	174.57	174.77	174.80	174.72	---	174.47	174.28	174.32	11
12	174.44	174.51	174.35	174.51	174.57	174.82	174.81	174.71	---	174.45	174.38	174.32	12
13	174.40	174.55	174.37	174.52	174.53	174.75	174.78	174.70	---	174.45	174.40	174.35	13
14	174.45	174.55	174.38	174.54	174.60	174.79	174.79	174.70	---	174.45	174.38	174.28	14
15	174.40	174.55	174.28	174.55	174.60	174.80	174.80	174.67	---	174.48	174.41	174.31	15
16	174.39	174.62	174.34	174.55	174.58	174.77	174.78	174.88	---	174.45	174.18	174.28	16
17	174.38	174.60	174.45	174.55	174.60	---	174.77	174.72	---	174.83	174.24	174.38	17
18	174.40	174.55	174.42	174.58	174.60	---	174.77	174.78	---	174.80	174.24	174.48	18
19	174.40	174.49	174.40	174.55	174.60	---	174.78	174.88	---	174.70	174.32	174.55	19
20	174.34	174.47	174.42	174.58	174.59	---	174.82	174.85	---	174.45	174.18	174.55	20
21	174.40	174.45	174.38	174.57	174.55	---	174.88	174.84	---	174.34	174.31	174.62	21
22	174.38	174.43	174.41	174.58	174.60	---	174.84	174.87	---	174.41	174.39	174.48	22
23	174.38	174.48	174.44	174.58	174.61	---	174.82	174.89	---	174.47	174.34	174.60	23
24	174.41	174.44	174.43	174.58	174.60	---	174.80	174.72	---	174.45	174.31	174.43	24
25	174.42	174.39	174.42	174.57	174.62	---	174.80	174.73	---	174.45	174.30	174.40	25
26	174.35	174.28	174.45	174.58	174.61	---	174.78	174.70	---	174.48	174.33	174.44	26
27	174.32	174.28	174.42	174.58	174.61	---	174.77	174.88	---	174.45	174.40	174.44	27
28	174.37	174.30	174.40	174.60	174.58	---	174.80	174.88	---	174.45	174.25	174.38	28
29	174.38		174.47	174.58	174.58	---	174.82	174.86	---	174.45	174.28	---	29
30	174.37		174.48	174.84	174.65	---	174.83	174.83	---	174.44	174.32	---	30
31	174.37		174.44		174.67		174.80	174.87		174.37		---	31
MEAN	174.40	174.45	174.40	174.54	174.58	---	---	174.70	---	---	174.33	---	MEAN
MAX	174.62	174.65	174.61	174.60	174.67	---	---	174.78	---	---	174.45	---	MAX
MIN	174.12	174.23	174.17	174.43	174.48	---	---	174.63	---	---	174.18	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM INSTANTANEOUS,
176.07 AT 21:20 EST ON JUL 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 14 30 N
LONG 83 09 18 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11985 LA SALLE

DINGMAN CREEK BELOW LAMBETH - STATION NO. 02GE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.780B	2.18	0.380B	1.47	0.488	0.870	0.384	0.110	1.28	0.110	0.188	0.830	1
2	0.730B	2.06 E	0.350B	1.17	0.448	1.72	0.288	0.088	0.540	0.108	0.130	0.520	2
3	0.700B	1.80 B	0.340B	7.38	0.484	1.23	0.284	0.083	0.380E	0.148	0.138	0.4508	3
4	0.690B	1.00 B	0.380B	7.81	0.418	1.42	0.234	0.100	0.180	0.183	0.210	0.4308	4
5	0.670B	0.880B	0.440B	3.84	0.424	0.985E	0.224E	0.148	0.180	0.188	0.128	0.3808	5
6	0.680B	0.850B	0.500B	3.15	0.484	0.810	0.213	0.088	0.180	0.280	0.213	0.3308	6
7	0.650B	0.800B	0.440B	2.19	0.388	0.438	0.188	0.083	0.150	0.125	0.380	0.2608	7
8	2.00 B	0.470B	0.450B	1.81	1.08	0.412	0.180	0.088	0.150	0.048	0.478	0.2608	8
9	2.45 B	0.480B	0.480B	1.27	0.400	0.378	0.153	0.123	0.408	0.075	1.07	0.2408	9
10	2.20 B	0.450B	0.800B	2.06	0.388	0.382	0.124	0.098	0.188	1.28	0.818	0.2308	10
11	1.70 B	0.440B	0.800B	0.880	0.400	0.404	0.182	0.870	0.148	4.40	0.338	0.2108	11
12	1.40 B	0.430B	0.900B	0.810	0.728	0.388	0.148E	0.100	0.120	0.231	0.348	0.2008	12
13	1.80 B	0.480B	0.500B	2.85	0.873E	0.800	0.128	0.252	0.118	0.188	0.264E	0.1908	13
14	1.80 B	0.600B	0.338B	1.72	0.820	0.478E	0.120	0.088	0.080	0.083	0.258	0.1808	14
15	0.780B	0.780B	0.380B	3.48	0.525	0.358	0.145	0.088	0.810	0.078	0.834	0.1708	15
16	0.580B	0.700B	0.440B	2.17	0.550	0.338	0.171	0.244	0.180	0.043	7.25	0.1808	16
17	0.540B	0.600B	0.484	2.09	0.480	0.338	0.159	0.105	0.210	0.388	5.05 E	0.1608	17
18	0.570B	0.500B	15.8	3.71	0.525	0.498	0.138	0.100	0.210	0.388	2.85 E	0.1408	18
19	0.600B	0.480B	5.58	2.24	0.378	0.380	0.118	0.074E	0.168	0.207	0.854	0.1388	19
20	0.580B	0.450B	3.55 E	1.32	0.388	3.89	0.228	0.048	0.128	0.808	0.800	0.1348	20
21	0.500B	0.500B	1.53	1.78	0.500	0.950	0.520	0.073	0.085	1.18	0.585E	0.1328	21
22	0.480B	0.680B	1.45	0.780	0.336	0.898	0.182	0.073	0.158	0.590	0.530	0.1308	22
23	0.480B	0.580B	1.88	0.750	0.284	0.690	0.123	0.288	0.400	0.288	0.445E	0.1288	23
24	0.500B	0.500B	2.05	0.620	0.570	0.480	0.153	0.187E	0.882	0.228	0.380	0.1288	24
25	0.800B	0.480B	1.94	0.540	0.382	0.452	0.150	0.048	0.204	0.145	0.400E	0.1248	25
26	2.50 B	0.420B	2.88	0.540	0.580	0.404	1.23	0.020	0.120	0.145	0.440	0.1228	26
27	1.80 B	0.400B	2.42	0.540	0.830	0.444	0.234	0.023	0.050	0.098	0.484	0.1208	27
28	0.874	0.380B	3.76	0.480	0.845	0.444	0.174	0.040	0.045	0.098E	2.09	0.1228	28
29	0.826		4.32	0.518E	0.480	0.388	0.152E	0.174	0.085	0.100	0.830	0.1308	29
30	2.62		2.80	0.550	2.04	0.360	0.130	0.182	0.085	0.136	0.730E	0.1808	30
31	1.92		1.84		1.48 E		0.120E	0.083		0.148		0.2908	31
TOTAL	34.530	18.590	59.870	80.318	18.158	21.078	8.910	3.824	7.581	12.472	29.323	8.983	TOTAL
MEAN	1.11	0.700	1.93	2.01	0.588	0.703	0.223	0.123	0.253	0.402	0.877	0.235	MEAN
MAX	2.62	2.18	15.8	7.81	2.04	3.89	1.23	0.870	1.28	4.40	7.25	0.830	MAX
MIN	0.480	0.380	0.338	0.480	0.284	0.338	0.118	0.020	0.045	0.045	0.128	0.130	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.788
MAXIMUM DAILY, 15.8 ON MAR 18
MINIMUM DAILY, 0.020 ON AUG 28

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 42 56 02 N
LONG 81 21 05 W
DRAINAGE AREA, 148 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 980	JUL	987
FEB	1 680	AUG	330
MAR	5 170	SEP	858
APR	5 210	OCT	1 080
MAY	1 570	NOV	2 530
JUN	1 820	DEC	802

TOTAL DISCHARGE, 24 200 dam³

DON RIVER AT TODMORDEN - STATION NO. 02HC024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.80	2.44	1.82	2.23	1.98	5.07	1.50	1.73	8.90	1.54	4.00	2.38	1
2	1.84	1.86	1.36	1.98	6.92	17.2	1.42	4.88	3.20	3.40	3.18	2.21	2
3	1.80	1.81	1.34	6.82	3.20	3.28	1.42	3.09	1.80	1.68	5.28E	1.74	3
4	1.19	1.55	1.32	8.30	2.16	6.03	1.48	17.7	1.48	1.82	2.20E	1.88	4
5	1.48	1.80	1.84	4.00	7.74	2.43	1.61	12.4	1.40	1.82	2.80E	2.01	5
6	1.53	1.83	1.37	3.24	4.80	1.86	1.48	5.13	1.48	1.86	4.80E	2.12	6
7	1.88	1.85	1.28	2.66	4.61	3.88	1.82	3.20	7.08	1.87	14.0 E	1.80	7
8	13.0	1.47	1.38	2.33	3.82	5.83	1.42	3.88	4.30	1.51	8.20E	1.79	8
9	3.07	1.40	1.82	2.33	2.47	2.37	1.37	1.88	2.81	1.48	17.0 E	1.71	9
10	2.43	1.37	2.20	2.24	2.08	2.88	1.40	2.38	2.22	7.88	2.90E	1.82	10
11	1.88	1.41	2.82	2.05	5.85	1.82	1.44	2.18	1.85	5.38	3.90E	1.81	11
12	3.32	1.43	2.20	2.07	18.1	1.88	1.38	1.87	1.48	2.82	3.00E	1.78	12
13	2.32	1.88	1.78	4.80	8.12	1.87	1.32	1.88	1.44	1.88	1.80E	1.73	13
14	1.84	3.82	2.12	2.21	3.83	1.80	1.34	1.81	2.23	5.86	12.0 E	1.87	14
15	1.87	2.11	8.28	4.88	3.17	1.88	1.32	4.02	2.77	4.83	18.0 E	1.71	15
16	1.78	1.48	3.43	2.58	2.87	2.03	1.29	3.14	2.28	5.02	8.48E	1.88	16
17	1.82	1.33	2.83	2.28	2.20	4.42	1.31	1.87	3.82	6.58	7.81	1.87	17
18	1.73	1.32	2.14	2.84	2.07	3.88	1.34	1.38	1.81	3.88	4.17	1.84	18
19	1.88	1.38	2.88	2.10	1.87	1.87	1.37	1.38	1.87	3.87	3.58	1.82	19
20	1.74	1.48	2.44	2.00	3.84	8.77	1.45	3.81	1.51	18.4	8.83	1.83	20
21	1.28	4.18	3.18	1.88	3.38	7.28	1.48	2.87	1.50	8.10	4.88	1.88	21
22	1.80	2.58	2.87	1.83	2.05	17.3	4.03	1.78	17.9	2.82	3.45	1.47	22
23	1.82	1.78	3.88	1.77	1.47	9.17	4.05	1.88	12.5	2.51	3.18	1.43	23
24	1.70	1.34	5.89	1.74	1.45	3.18	2.11	1.51	3.04	2.38	3.08	1.48	24
25	1.88	1.41	12.3	2.26	1.83	2.38	4.88	1.41	2.74	1.87	2.71	1.80	25
26	15.2	1.88	7.86	1.88	2.88	1.88	17.0	1.38	2.84	1.87	2.84	1.87	26
27	4.00	1.77	5.18	1.81	1.82	2.82	13.1	1.32	2.28	1.48	2.88	1.80	27
28	2.54	1.83	5.16	1.78	1.88	1.42	5.80	1.30	1.80	1.44	8.07	1.88	28
29	3.24		4.43	2.84	1.83	1.82	2.88	1.40	1.88	1.37	3.47	1.78	29
30	5.21		3.72	3.27	8.78	1.52	2.81	1.38	1.57	1.37	3.15	1.81	30
31	3.43		2.80		5.03		2.08	1.32		8.54		4.15	31
TOTAL	90.38	50.43	102.14	84.14	119.81	128.45	88.31	94.81	102.38	118.71	188.81	58.38	TOTAL
MEAN	2.92	1.80	3.29	2.80	3.86	4.28	2.85	3.06	3.41	3.78	5.58	1.82	MEAN
MAX	15.2	4.18	12.3	8.30	18.1	17.3	17.0	17.7	17.9	18.4	17.0	4.15	MAX
MIN	1.18	1.32	1.28	1.74	1.83	1.52	1.29	1.30	1.40	1.37	1.80	1.43	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.28
MAXIMUM DAILY, 18.4 ON OCT 30
MINIMUM DAILY, 1.18 ON JAN 4
MAXIMUM INSTANTANEOUS,
120 AT 22:47 EST ON SEP 22

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 41 50 N
LONG 79 21 15 W
DRAINAGE AREA, 316 km²

E - ESTIMATED
REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 810	JUL	7 630
FEB	4 380	AUG	8 200
MAR	8 820	SEP	8 850
APR	7 270	OCT	10 100
MAY	10 300	NOV	14 400
JUN	11 100	DEC	4 870

TOTAL DISCHARGE, 104 000 dam³

DON RIVER AT YORK MILLS - STATION NO. 02HC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.203	0.400E	0.213	0.475	0.300E	0.800E	0.180E	0.180E	1.18	0.185E	1.20	0.525	1
2	0.203	0.220E	0.180	0.412	0.800E	1.80 E	0.178E	0.463E	0.931	0.348	1.14	0.372	2
3	0.201	0.212E	0.172	1.22	0.500E	0.380E	0.175E	1.61	0.407	0.276	0.827	0.322	3
4	0.198	0.201E	0.212	1.55	0.290E	0.540E	0.184E	2.78	0.262	0.229	0.282	0.317	4
5	0.202	0.202E	0.192	1.14	1.00 E	0.380E	0.192E	5.89	0.240	0.211	0.255	0.301	5
6	0.228	0.221E	0.188	0.884	0.600E	0.240E	0.185E	2.98	0.234	0.228	0.871	0.288	6
7	0.280	0.210E	0.184	0.628	0.700E	0.380A	0.208E	1.83	1.03	0.208	1.80	0.280	7
8	1.59	0.194E	0.186	0.492	0.880E	0.585E	0.200E	1.24	1.28	0.180	1.49	0.241	8
9	0.808	0.188E	0.333	0.417	0.490E	0.260E	0.182E	0.631	1.13	0.183	1.81	0.252	9
10	0.704	0.180E	0.358	0.376	0.310E	0.420E	0.180E	0.888	0.738	0.810	1.25	0.272	10
11	0.284	0.177E	0.422	0.332	1.00 E	0.260E	0.180E	0.356	0.298	1.15	1.24	0.283	11
12	0.377	0.184E	0.383	0.287	2.30 E	0.220E	0.178E	0.202	0.248	0.884	0.833	0.282	12
13	0.326	0.380E	0.301	0.597	0.600E	0.200E	0.170E	0.177	0.252	0.288	0.480	0.274	13
14	0.237	0.520E	0.584	0.387	0.520E	0.180E	0.188E	0.181	0.381	0.240	1.54	0.288	14
15	0.248	0.380E	1.13	0.834	0.378E	0.200E	0.188E	0.348	0.348	1.15	2.23	0.275	15
16	0.261	0.185E	1.01	0.631	0.340E	0.300E	0.188E	0.288	0.313	0.888	3.67	0.283	16
17	0.270	0.178E	0.888	0.434	0.318E	0.740E	0.188E	0.228	0.522	1.02	3.85	0.274	17
18	0.282	0.173E	0.487	0.418	0.300E	0.400E	0.170E	0.184	0.278	0.857	1.42	0.260	18
19	0.350	0.171E	0.438	0.350	0.280E	0.222E	0.178E	0.188	0.183	0.774	1.37	0.287	19
20	0.328	0.182E	0.488	0.321	0.550E	0.350E	0.183E	0.803	0.187	2.45	1.81	0.248	20
21	0.238	0.508	0.531	0.288	0.300E	1.10 E	0.172E	0.758	0.132	1.43	1.35	0.245	21
22	0.220	0.448	0.544	0.277	0.278E	2.35 E	0.260E	0.440	2.45	1.28	1.29	0.2458	22
23	0.233	0.258	0.717	0.274	0.260E	0.400E	0.220E	0.384	0.830E	1.20	1.24	0.2418	23
24	0.255	0.211	1.30	0.248	0.248E	0.380E	0.180E	0.308	0.350E	1.14	1.19	0.2408	24
25	0.272	0.193	1.89	0.328	0.242E	0.280E	1.00 E	0.287	0.270E	0.826	0.761	0.2388	25
26	1.70 E	0.242	1.34	0.301	0.350E	0.250E	1.48 E	0.263	0.240E	0.288	0.818	0.2618	26
27	0.300E	0.248	1.28	0.277	0.258E	0.225E	1.10 E	0.246	0.227E	0.284	0.782	0.2608	27
28	0.380E	0.261	1.27	0.270	0.238E	0.215E	0.600E	0.236	0.212E	0.242	1.46	0.2408	28
29	0.500E		1.11	0.270	0.230E	0.200E	0.320E	0.233	0.200E	0.235	1.24	0.2708	29
30	0.840E		1.03	0.835	1.20 E	0.180E	0.240E	0.227	0.180E	0.226	1.11	0.2808	30
31	0.800E		0.633		0.800E		0.215E	0.201		1.34		0.5858	31
TOTAL	13.278	7.069	19.630	15.430	18.688	14.547	8.388	24.670	18.288	31.271	38.388	8.828	TOTAL
MEAN	0.428	0.252	0.630	0.514	0.834	0.485	0.302	0.796	0.610	0.888	1.31	0.288	MEAN
MAX	1.70	0.620	1.89	1.55	2.30	2.35	1.48	5.89	2.45	2.45	3.85	0.588	MAX
MIN	0.180	0.171	0.188	0.248	0.230	0.180	0.188	0.177	0.132	0.183	0.255	0.239	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.582
MAXIMUM DAILY, 5.89 ON AUG 5
MINIMUM DAILY, 0.132 ON SEP 21

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 44 21 N
LONG 79 24 05 W
DRAINAGE AREA, 68.1 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 150	JUL	809
FEB	810	AUG	2 130
MAR	1 890	SEP	1 320
APR	1 330	OCT	1 840
MAY	1 430	NOV	3 400
JUN	1 280	DEC	771

TOTAL DISCHARGE, 17 700 dam³

DUFFINS CREEK ABOVE PICKERING - STATION NO. 02HC019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.28 B	1.80 B	0.7458	0.918	0.988	1.23	0.524	0.393	1.78	0.861	1.18	1.24 B	1
2	1.22 B	1.38 B	0.7408	0.847	1.34	1.41	0.523	0.585	0.980	0.708	0.903	1.40 B	2
3	1.15 B	1.28 B	0.7388	1.84	1.32	0.932	0.501	0.524	0.837	0.672	0.807	1.13 B	3
4	1.12 B	1.18 B	0.7308	2.02	0.877	0.881	0.505	1.10	0.581	0.832	0.820	0.8608	4
5	1.07 B	1.14 B	0.7288	1.63	1.58	0.722	0.478	1.83	0.548	0.587	0.836	1.13 B	5
6	1.05 B	1.10 B	0.7208	1.22	2.18	0.873	0.484	1.10	0.542	0.632	1.07	0.8208	6
7	1.04 B	1.05 B	0.7108	1.13	2.18	0.845	0.478	0.831	1.25	0.818	1.27	0.7008	7
8	3.08 B	1.03 B	0.7058	0.853	1.84	0.729	0.500	0.578	0.923	0.820	1.88	0.8208	8
9	2.00 B	0.8858	0.7008	0.873	1.25	0.885	0.485	0.513	0.880	0.812	2.01	0.8408	9
10	1.45 B	0.8858	0.8858	0.854	1.08	0.709	0.478	0.483	0.858	0.783	1.32	0.7008	10
11	1.38 B	0.8458	0.8858	0.810	1.18	0.830	0.458	0.488	0.820	1.28	1.07	0.5858	11
12	2.40 B	0.8308	0.8808	0.788	4.38	0.676	0.438	0.500	0.580	0.808	0.885	0.5808	12
13	3.80 B	0.8108	0.8858	1.28	2.34	0.588	0.429	0.504	0.585	0.692	0.914	0.5408	13
14	1.40 B	0.8008	1.50 B	1.03	1.31	0.585	0.432	0.492	0.578	0.705	1.24	0.5208	14
15	0.8808	1.18 B	7.58 B	1.51	1.04	0.583	0.488	0.552	0.847	0.883	4.88	0.5108	15
16	0.8828	1.08 B	1.20 B	1.16	0.881	0.808	0.449	0.672	0.815	1.08	3.88	0.5008	16
17	0.8008	0.8508	0.6308	1.08	0.853	0.800	0.411	0.803	0.782	0.898	1.83	0.4908	17
18	0.5858	0.8508	0.7758	1.15	0.808	0.856	0.412	0.477	0.882	0.810	1.24	0.4808	18
19	0.5708	0.8208	0.7508	0.887	0.762	0.871	0.433	0.481	0.582	0.773	1.08	0.4708	19
20	0.5808	0.8908	0.7308	0.808	0.858	3.84	0.438	0.818	0.801	1.34	3.08	0.4908	20
21	0.5508	0.8708	0.7308	0.908	1.00	2.18	0.428	0.838	0.564	1.47	2.85	0.4658	21
22	0.5408	0.8548	0.7108	0.858	0.758	3.48	0.418	0.678	0.558	1.08	1.40 B	0.4508	22
23	0.5388	0.8358	0.7058	0.807	0.874	1.82	0.423	0.559	1.31	0.868	1.28 B	0.4458	23
24	0.5008	0.8208	0.8008	0.802	0.888	1.08	0.408	0.524	0.776	0.795	1.17 B	0.4408	24
25	1.80 B	0.8008	5.40 B	0.858	0.848	0.838	0.387	0.483	0.878	0.780	1.08 B	0.4388	25
26	4.00 B	0.7808	4.83	0.852	0.883	0.738	0.415	0.488	0.827	0.788	1.07 B	0.4308	26
27	3.20 B	0.7788	3.70	0.881	0.847	0.878	0.483	0.474	0.588	0.738	1.11	0.4258	27
28	2.50 B	0.7608	4.24	0.882	0.807	0.818	0.481	0.478	0.808	0.724	2.41	0.4208	28
29	3.10 B		2.62	0.878	0.870	0.588	0.434	0.488	0.588	0.728	1.45 B	0.4158	29
30	5.00 B		1.18	1.18	0.731	0.538	0.433	0.502	0.558	0.734	1.34 B	0.4108	30
31	3.00 B		1.04		1.01		0.404	0.482		0.883		0.5208	31
TOTAL	53.988	27.888	48.888	32.208	37.167	30.878	13.971	18.281	21.748	25.388	47.088	18.304	TOTAL
MEAN	1.71	0.888	1.57	1.07	1.20	1.02	0.451	0.580	0.725	0.818	1.57	0.823	MEAN
MAX	5.00	1.80	7.58	2.02	4.38	3.84	0.524	1.83	1.78	1.47	4.88	1.40	MAX
MIN	0.538	0.780	0.885	0.788	0.570	0.538	0.387	0.393	0.542	0.661	0.820	0.410	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.03
MAXIMUM DAILY, 7.58B ON MAR 15
MINIMUM DAILY, 0.387 ON JUL 25
MAXIMUM INSTANTANEOUS,
18.4 AT 18:30 EST ON MAR 25

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 53 30 N
LONG 78 03 33 W
DRAINAGE AREA, 93.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 880	JUL	1 210
FEB	2 410	AUG	1 880
MAR	4 210	SEP	1 880
APR	2 780	OCT	2 180
MAY	3 210	NOV	4 070
JUN	2 650	DEC	1 870

TOTAL DISCHARGE, 32 400 dam³

DUFFINS CREEK AT AJAX - STATION NO. 02HC049

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	4.61	0.945	0.580	3.05	0.995	2.67	1.59 B	1
2	---	---	---	---	---	5.28	0.920	0.944	2.26	1.15	1.89	1.88 B	2
3	---	---	---	---	---	3.06	0.890	1.02	1.15	1.19	1.81	1.50 B	3
4	---	---	---	---	---	2.21	0.886	2.02	0.975	1.05	1.71	1.15 B	4
5	---	---	---	---	---	1.71	0.848	5.03	0.903	1.02	1.85	1.60 B	5
6	---	---	---	---	---	1.47	0.821	4.75	0.923	1.09	2.07	1.25 B	6
7	---	---	---	---	---	1.35	0.788	1.87	2.15	1.05	2.75	1.13 B	7
8	---	---	---	---	---	1.75	0.800	1.28	1.85	1.03	4.85	1.10 B	8
9	---	---	---	---	---	1.42	0.773	1.04	1.32	1.01	5.55	1.20 B	9
10	---	---	---	---	---	1.39	0.755	0.944	1.15	1.38	3.71	1.80 B	10
11	---	---	---	---	---	1.27	0.704	1.03	1.01	2.82	2.58	1.47 B	11
12	---	---	---	---	---	1.12	0.688	0.947	0.882	1.88	2.28	1.30 B	12
13	---	---	---	---	---	1.08	0.659	0.895	0.841	1.30	2.12	1.22 B	13
14	---	---	---	---	---	1.08	0.847	0.884	0.880	1.54	2.62	1.15 B	14
15	---	---	---	---	---	1.11	0.886	0.885	1.07	1.80	13.0	1.10 B	15
16	---	---	---	---	---	1.23	0.891	1.03	1.02	2.24	12.5	1.06 B	16
17	---	---	---	---	---	1.55	0.890	0.886	1.21	1.88	7.18	1.03 B	17
18	---	---	---	---	---	1.71	0.812	0.808	1.13	1.93	3.80	1.00 B	18
19	---	---	---	---	---	1.33	0.855	0.814	0.990	1.85	2.85	0.9808	19
20	---	---	---	---	---	7.83	0.893	1.02	0.992	3.28	5.80	0.9808	20
21	---	---	---	---	---	5.54	0.981	1.05	0.925	3.81	5.84	0.9408	21
22	---	---	---	---	---	9.18	0.887	0.945	1.18	2.88	3.488	0.9258	22
23	---	---	---	---	---	5.23	0.877	0.898	2.95	1.80	2.418	0.9108	23
24	---	---	---	---	---	2.77	0.817	0.835	1.56	1.87	2.188	0.8908	24
25	---	---	---	---	---	1.80	0.857	0.754	1.25	1.83	2.368	0.8808	25
26	---	---	---	---	---	1.55	0.853	0.748	1.12	1.48	2.56	0.8708	26
27	---	---	---	---	---	1.35	0.725	0.748	1.08	1.40	2.74	0.8808	27
28	---	---	---	---	---	1.19	0.800	0.745	1.06	1.35	5.73	0.8508	28
29	---		---	---	---	1.08	0.695	0.758	1.00	1.32	3.238	0.8408	29
30	---		---	---	---	0.991	0.851	0.775	0.978	1.31	1.978	0.8308	30
31	---		---		2.38E		0.895	0.740		1.54		1.10 B	31
TOTAL	---	---	---	---	---	74.151	22.409	37.638	38.859	50.876	121.33	38.375	TOTAL
MEAN	---	---	---	---	---	2.47	0.723	1.21	1.30	1.64	4.04	1.14	MEAN
MAX	---	---	---	---	---	9.18	0.945	5.03	3.05	3.81	13.0	1.89	MAX
MIN	---	---	---	---	---	0.991	0.557	0.580	0.903	0.995	1.85	0.830	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 50 57 N
LONG 79 03 25 W
DRAINAGE AREA, 251 km²

B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 940
FEB	---	AUG	3 240
MAR	---	SEP	3 380
APR	---	OCT	4 400
MAY	---	NOV	10 500
JUN	8 410	DEC	3 090

REMARKS - STATION INSTALLED MAY 1989, LOCATED JUST DOWNSTREAM OF PREVIOUS STATION 02HC008, DUFFINS CREEK AT PICKERING (249 SQ. KM)

DUFFINS CREEK AT PICKERING - STATION NO. 02HC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.00 B	2.50B	1.26B	2.30E	2.55 E	8.02	1.05	0.823	3.53	1.18	2.88	1.80 E	1
2	1.95 B	2.20B	1.25B	3.00E	3.50 E	5.15	0.989	1.03	2.78	1.35	2.18	2.15 E	2
3	1.87 B	2.10B	1.24B	4.60E	2.80 E	4.77	1.02	1.21	1.78	1.30	2.11	1.90 E	3
4	1.84 B	2.00B	1.23B	6.80E	3.50 E	3.00E	1.09	2.13	1.48	1.18	1.85	1.35 E	4
5	1.81 B	1.95B	1.22B	4.00E	4.00 E	2.00E	1.07	5.37	1.38	1.11	1.80	1.80 E	5
6	1.78 B	1.85B	1.21B	3.10E	5.80 E	1.75E	1.02	5.18	1.36	1.17	2.39	1.40 E	6
7	3.20 B	1.78B	1.20B	2.70E	8.60 E	1.68E	1.01	2.00	2.72	1.18	3.11	1.30 E	7
8	5.20 B	1.73B	1.19B	2.40E	3.50 E	1.80E	1.02	1.88	2.48	1.13	5.18	1.28 E	8
9	3.00 B	1.67B	1.16B	2.30E	2.80 E	1.95E	1.02	1.39	1.84	1.11	8.20	1.40 E	9
10	2.40 B	1.63B	1.17B	2.20E	2.95 E	1.95E	1.04	1.17	1.85	1.48	3.71	2.00 B	10
11	2.35 B	1.58B	1.16B	2.15E	4.00 E	1.45E	0.828	1.31	1.38	2.87	2.70	1.47 E	11
12	3.70 B	1.55B	1.15B	3.30E	11.3 E	1.33E	0.881	1.17	1.29	1.81	2.42	1.40 E	12
13	8.00 B	1.53B	1.14B	2.75E	7.00 E	1.25E	0.848	1.11	1.20	1.48	2.31	1.33 E	13
14	2.00 B	1.80B	2.00B	3.20E	4.00 E	1.20E	0.813	1.07	1.26	1.73	2.95	1.27 E	14
15	1.25 B	2.00B	12.0 B	4.00E	2.80 E	1.08	0.845	1.18	1.31	2.11	16.3	1.23 E	15
16	1.05 B	1.75B	5.25B	2.95E	2.30 E	1.18	0.811	1.30	1.10	2.50	15.3	1.18 E	16
17	1.02 B	1.65B	1.40B	2.80E	2.20 E	1.53	0.788	1.11	1.41	2.10	7.38	1.15 E	17
18	0.980B	1.60B	1.30B	3.00E	2.13 E	1.78	0.723	0.981	1.41	2.18	3.78	1.13 E	18
19	0.960B	1.55B	1.25B	2.50E	2.00	1.44	0.709	0.818	1.22	1.84	2.71	1.08 E	19
20	0.930B	1.50B	1.20B	2.38E	2.28	8.70	0.722	1.14	1.18	3.41	5.69	1.04 E	20
21	0.920B	1.47B	1.18B	2.28E	2.90	5.84	0.720	1.21	1.14	3.81	8.00	1.05 E	21
22	0.910B	1.44B	1.16B	2.20E	2.35	10.6	0.722	1.06	1.84	2.87	3.30B	1.04 E	22
23	1.20 B	1.40B	1.30B	2.10E	2.18	5.49	0.761	1.02	2.93	2.11	2.65B	1.02 E	23
24	1.70 B	1.37B	1.70B	2.18E	1.90	2.80	0.785E	0.873	1.84	1.85	2.60B	1.00 E	24
25	2.50 B	1.35B	10.0 B	2.25E	1.83	2.09	0.880E	0.883	1.47	1.85	2.75E	0.9908	25
26	4.00 B	1.33B	14.0 B	2.27E	1.51	1.73	0.700E	0.850	1.28	1.82	2.90E	0.9808	26
27	2.80 B	1.30B	7.78B	2.32E	1.37	1.52	0.820E	0.861	1.24	1.87	3.10E	0.9708	27
28	2.45 B	1.28B	10.6	2.28E	1.18	1.32	0.880E	0.894	1.22	1.67	7.80E	0.9608	28
29	4.00 B		4.00E	2.70E	0.982	1.18	0.780E	0.908	1.16	1.46	4.00E	0.9508	29
30	6.00 B		3.00E	3.10E	1.80	1.12	0.740E	0.884	1.08	1.46	2.50B	0.9408	30
31	4.00 B		2.60E		2.17		0.690E	0.895		1.72		1.25 B	31
TOTAL	77.770	46.87	87.33	86.21	85.582	87.18	26.837	43.330	46.52	55.94	132.74	39.530	TOTAL
MEAN	2.51	1.67	3.14	2.87	3.08	2.91	0.859	1.40	1.82	1.80	4.42	1.28	MEAN
MAX	8.00	2.50	14.0	8.80	11.3	10.5	1.09	5.37	3.53	3.91	16.3	2.15	MAX
MIN	0.910	1.28	1.14	2.10	0.982	1.08	0.680	0.823	1.09	1.11	1.80	0.840	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.38
MAXIMUM DAILY, 16.3 ON NOV 15
MINIMUM DAILY, 0.823 ON AUG 1

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 51 10 N
LONG 79 03 44 W
DRAINAGE AREA, 249 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 720	JUL	2 300
FEB	4 050	AUG	3 740
MAR	8 410	SEP	4 180
APR	7 450	OCT	4 830
MAY	8 280	NOV	11 500
JUN	7 530	DEC	3 420

TOTAL DISCHARGE, 73 400 dam³

EAGLE RIVER AT EAGLE RIVER - STATION NO. 05QD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.82	3.82	3.82	3.82	3.98	8.92	8.23	10.2	10.2	8.23	10.2	8.51	1
2	3.82	3.82	3.82	3.82	3.98	8.92	8.23	10.2	8.23	10.2	10.2	8.51	2
3	3.82	3.82	3.82	3.82	3.98	3.98	10.2	10.2	8.23	10.2	10.2	8.95	3
4	3.82	3.82	3.82	3.82	3.98	3.98	10.2	10.2	10.2	10.2	8.23	8.95	4
5	3.82	3.82	3.82	3.82	3.98	8.92	10.2	8.23	10.2	10.2	8.23	8.95	5
6	3.82	3.82	3.82	3.82	3.98	8.92	10.2	8.23	10.2	10.2	10.2	8.95	6
7	3.82	3.82	3.82	3.82	3.98	8.92	10.2	10.2	10.2	8.23	10.2	8.95	7
8	3.82	3.82	3.82	3.82	3.98	8.92	8.23	10.2	10.2	8.23	10.2	8.95	8
9	3.82	3.82	3.82	3.82	3.98	8.92	8.23	10.2	8.23	10.2	10.2	8.95	9
10	3.82	3.82	3.82	3.82	8.92	3.98	10.2	10.2	8.23	10.2	10.2	8.95	10
11	3.82	3.82	3.82	3.82	8.92	3.98	10.2	10.2	10.2	10.2	8.23	8.95	11
12	3.82	3.82	3.82	3.82	8.92	8.92	10.2	8.23	10.2	10.2	8.23	8.95	12
13	3.82	3.82	3.82	8.92	10.2	10.2	10.2	8.23	10.2	10.2	10.2	8.95	13
14	3.82	3.82	3.82	3.82	3.98	10.2	10.2	10.2	10.2	8.23	10.2	8.95	14
15	3.82	3.82	3.82	3.82	8.92	10.2	8.23	10.2	10.2	8.23	10.2	8.95	15
16	3.82	3.82	2.83	3.82	8.92	10.2	8.23	10.2	8.23	10.2	10.2	8.95	16
17	3.82	3.82	2.83	3.82	8.92	8.23	10.2	10.2	8.23	10.2	10.2	8.95	17
18	3.82	3.82	3.82	3.82	8.92	8.23	10.2	10.2	10.2	10.2	8.23	8.95	18
19	3.82	3.82	3.82	3.82	8.92	10.2	10.2	8.23	10.2	10.2	8.23	8.95	19
20	3.82	3.82	3.82	3.82	3.98	10.2	10.2	8.23	10.2	10.2	10.2	8.95	20
21	3.82	3.82	3.82	3.82	3.98	10.2	10.2	10.2	10.2	8.23	10.2	8.95	21
22	3.82	3.82	3.82	3.82	8.92	10.2	8.23	10.2	10.2	8.23	10.2	8.95	22
23	3.82	3.82	3.82	3.82	8.92	10.2	8.23	10.2	8.23	10.2	10.2	8.95	23
24	3.82	3.82	3.82	3.82	8.92	8.23	10.2	10.2	8.23	10.2	10.2	8.95	24
25	3.82	3.82	3.82	3.82	8.92	8.23	10.2	10.2	10.2	10.2	8.23	8.95	25
26	3.82	3.82	3.82	3.82	8.92	10.2	10.2	8.23	10.2	10.2	8.23	8.95	26
27	3.82	3.82	3.82	3.82	3.98	10.2	10.2	8.23	10.2	10.2	8.51	8.95	27
28	3.82	3.82	3.82	3.82	3.98	10.2	10.2	10.2	10.2	8.23	8.51	8.95	28
29	3.82		3.82	3.82	8.92	10.2	8.23	10.2	10.2	8.23	8.51	8.95	29
30	3.82		3.82	3.82	8.92	10.2	8.23	10.2	8.23	10.2	8.51	8.95	30
31	3.82		3.82		8.92		10.2	10.2		10.2		8.95	31
TOTAL	118.42	106.96	118.44	114.60	207.08	254.92	276.50	284.44	270.27	280.47	259.48	185.57	TOTAL
MEAN	3.82	3.82	3.76	3.82	6.68	8.50	8.92	9.18	9.01	9.05	8.65	8.98	MEAN
MAX	3.82	3.82	3.82	3.82	8.92	10.2	10.2	10.2	10.2	10.2	10.2	8.51	MAX
MIN	3.82	3.82	2.83	3.82	3.98	3.98	8.23	8.23	8.23	8.23	8.23	8.95	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.78
MAXIMUM DAILY, 10.2 ON JUN 13
MINIMUM DAILY, 2.83 ON MAR 16

DATA CONTRIBUTED BY -
GREAT LAKES FOREST PRODUCTS LIMITED

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 47 20 N
LONG 87 11 40 W
DRAINAGE AREA, 2 510 km²

REGULATED SINCE 1920

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 200	JUL	23 900
FEB	9 240	AUG	24 500
MAR	10 100	SEP	23 400
APR	9 900	OCT	24 200
MAY	17 800	NOV	22 400
JUN	22 000	DEC	16 000

TOTAL DISCHARGE, 214 000 dam³

EAST BRANCH SCOTCH RIVER NEAR ST. ISIDORE DE PRESCOTT - STATION NO. 02LB012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	3.01	0.492	0.213	0.057	0	0	0	0.006	0.2138	1
2	---	---	---	2.65	0.656	0.211	0.043	0	0	0	0.005	0.2048	2
3	---	---	---	3.87	1.50	0.204	0.030	0	0	0	0.004	0.1858	3
4	---	---	---	4.46	1.53	0.212	0.019	0.002	0	0	0.004A	0.1808	4
5	---	---	---	4.77	1.30	0.208	0.018	0.002	0	0	0.005E	0.1718	5
6	---	---	---	4.43	1.77	0.173	0.011	0.003	0	0	0.010A	0.1558	6
7	---	---	---	3.67	2.04	0.130	0.008	0.005	0	0	0.015	0.1408	7
8	---	---	---	2.83	1.72	0.105	0.007	0.003	0	0	0.035	0.1288	8
9	---	---	---	2.15	1.38	0.087	0.006	0.002	0	0	0.068	0.1208	9
10	---	---	---	1.74	1.05	0.170	0.015	0.001	0	0	0.144	0.1038	10
11	---	---	---	1.33	0.908	0.317	0.014	0.001	0	0	0.093	0.0908	11
12	---	---	---	1.17	0.826	0.233	0.009	0.001	0	0	0.074	0.0838	12
13	---	---	---	1.07	0.827	0.164	0.006	0	0	0	0.062	---	13
14	---	---	---	1.04	2.59	0.130	0.007	0	0	0	0.378	---	14
15	---	---	---	1.01	1.63	0.108	0.005	0	0	0	1.74	---	15
16	---	---	---	1.06	1.27	0.101	0.004	0	0	0	2.48	---	16
17	---	---	1.52 B	1.19	1.01	1.46	0.003	0	0	0	2.32	---	17
18	---	---	---	1.82	0.758	1.31	0.002	0	0	0	1.88	---	18
19	---	---	---	1.60	0.595	1.08	0.002	0	0	0	1.55	---	19
20	---	---	---	1.45	0.487	0.868	0.001	0	0	0.003	1.49	---	20
21	---	---	0.5278	1.21	0.422	0.707	0	0.001	0	0.043	1.90 B	---	21
22	---	---	0.4178	0.896	0.378	0.501	0	0.001	0	0.017	0.8878	---	22
23	---	---	0.2828	0.880	0.353	0.385	0	0	0	0.008	0.4888	---	23
24	---	---	0.2258	0.723	0.316	0.283	0	0	0	0.005	0.3488	---	24
25	---	---	0.3218	0.694	0.283	0.178	0	0	0	0.004	0.2758	---	25
26	---	---	4.20 B	0.828	0.270	0.139	0	0	0	0.004	0.2458	---	26
27	---	---	5.86 B	0.570	0.278	0.112	0	0	0	0.003	0.2608	---	27
28	---	0.0388	13.2 B	0.546	0.262	0.081	0	0	0	0.008	0.2358	---	28
29	---		12.2 B	0.514	0.222	0.075	0	0	0	0.006	0.2308	---	29
30	---		6.86	0.493	0.197	0.065	0	0	0	0.005	0.2218	---	30
31	---		8.07		0.213		0	0		0.005		---	31
TOTAL	---	---	---	53.154	27.832	9.958	0.267	0.022	0	0.111	17.308	---	TOTAL
MEAN	---	---	---	1.77	0.898	0.332	0.009	0.001	0	0.004	0.577	---	MEAN
MAX	---	---	---	4.77	2.59	1.46	0.057	0.005	0	0.043	2.48	---	MAX
MIN	---	---	---	0.493	0.197	0.065	0	0	0	0	0.004	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 13.2B ON MAR 28
MINIMUM DAILY, 0 ON JUL 21

REMARKS - SEASONAL MAY-DEC

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 22 11 N
LONG 74 54 00 W
DRAINAGE AREA, 78.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	23.1
FEB	---	AUG	1.80
MAR	---	SEP	0
APR	4 590	OCT	9.88
MAY	2 400	NOV	1 900
JUN	890	DEC	---

EAST NUMBER RIVER AT KING CREEK - STATION NO. 02HC032

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.211	0.4808	0.0788	1.02	0.588	1.12	0.248	0.078	0.188	0.128	0.338	0.714	1
2	0.194	0.3608	0.0778	0.898	0.734	1.83	0.208	0.072	0.188	0.148	0.280	0.528	2
3	0.184	0.3008	0.0788	1.24	1.01	1.58	0.183	0.073	0.120	0.139	0.203	0.4408	3
4	0.1408	0.2608	0.0788	1.88	0.780	1.21	0.180	0.260	0.080	0.149	0.183	0.3608	4
5	0.1288	0.2108	0.0788	1.88	0.928	0.984	0.138	0.842	0.073	0.138	0.188	0.3258	5
6	0.1228	0.1808	0.0788	1.40	1.14	0.848	0.128	0.310	0.071	0.118	0.232	0.3008	6
7	0.1808	0.1808	0.0888	1.24	0.981	0.620	0.118	0.152	0.068	0.108	0.378	0.2808	7
8	0.840	0.1488	0.0848	1.01	1.38	1.30	0.114	0.118	0.310	0.108	0.884	0.2608	8
9	0.4868	0.1378	0.0808	0.884	1.08	1.12	0.108	0.097	0.242	0.114	0.870	0.2488	9
10	0.3438	0.1278	0.0788	0.788	0.987	1.12	0.100	0.083	0.118	0.134	0.483	0.2308	10
11	0.2918	0.1188	0.0768	0.711	1.08	0.889	0.087	0.079	0.094	0.248	0.440	0.2128	11
12	0.267	0.1128	0.1308	0.795	2.12	0.724	0.091	0.074	0.082	0.227	0.328	0.1988	12
13	0.318	0.107	0.1168	0.884	2.38	0.932	0.087	0.071	0.078	0.145	0.279	0.1918	13
14	0.248	0.1028	0.3648	0.858	1.57	0.587	0.082	0.074	0.073	0.149	0.480	0.1828	14
15	0.221	0.1008	3.91 B	0.851	1.28	0.481	0.081	0.081	0.071	0.225	2.03	0.1678	15
16	0.188	0.0978	1.40	0.788	1.08	0.448	0.078	0.124	0.073	0.201	3.78	0.1558	16
17	0.171	0.0858	0.4788	0.728	0.989	0.492	0.073	0.103	0.078	0.176	2.18	0.1458	17
18	0.170	0.0838	0.424	0.747	0.887	0.500	0.072	0.078	0.081	0.203	1.11	0.1358	18
19	0.175	0.0908	0.506	0.702	0.811	0.435	0.070	0.076	0.074	0.207	0.770	0.1288	19
20	0.164	0.0868	0.407	0.858	0.844	1.58	0.071	0.074	0.085	0.305	0.8488	0.1238	20
21	0.1608	0.0868	0.285	0.588	0.811	1.52	0.070	0.075	0.085	0.444	0.8488	0.1158	21
22	0.1658	0.0868	0.259	0.541	0.788	3.14	0.088	0.088	0.094	0.288	0.8648	0.1088	22
23	0.1588	0.0848	0.311	0.480	0.841	3.56	0.071	0.070	0.158	0.198	0.4838	0.1088	23
24	0.1508	0.0838	0.598	0.428	0.680	1.81	0.067	0.088	0.170	0.176	0.3848	0.1048	24
25	0.1448	0.0828	3.04	0.442	0.814	1.03	0.067	0.084	0.127	0.188	0.880	0.1028	25
26	0.3808	0.0818	4.78	0.480	0.552	0.727	0.127	0.082	0.112	0.158	0.838	0.1018	26
27	0.2708	0.0808	3.32	0.482	0.511	0.889	0.388	0.083	0.105	0.146	0.808	0.1018	27
28	0.2408	0.0788	2.88	0.458	0.422	0.538	0.178	0.081	0.088	0.142	1.44	0.1018	28
29	0.2208		2.30	0.487	0.310	0.385	0.120	0.084	0.085	0.138	1.18	0.1028	29
30	0.7808		1.88	0.625	0.458	0.318	0.085	0.083	0.101	0.135	0.907	0.1058	30
31	0.7008		1.28		0.724		0.085	0.082		0.138		0.1108	31
TOTAL	8.337	3.988	29.321	24.830	28.184	31.978	3.638	3.434	3.404	5.478	23.441	5.492	TOTAL
MEAN	0.269	0.142	0.946	0.818	0.941	1.07	0.117	0.111	0.113	0.177	0.781	0.208	MEAN
MAX	0.840	0.480	4.78	1.88	2.38	3.56	0.388	0.842	0.310	0.444	3.78	0.714	MAX
MIN	0.122	0.079	0.078	0.428	0.310	0.318	0.067	0.081	0.071	0.108	0.183	0.101	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.475
MAXIMUM DAILY, 4.78 ON MAR 26
MINIMUM DAILY, 0.067 ON AUG 26
MAXIMUM INSTANTANEOUS,
7.08 AT 21:42 EST ON MAR 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 54 10 N
LONG 78 36 46 W
DRAINAGE AREA, 84.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	720	JUL	314
FEB	344	AUG	297
MAR	2 530	SEP	294
APR	2 120	OCT	473
MAY	2 430	NOV	2 030
JUN	2 760	DEC	561

TOTAL DISCHARGE, 15 000 dam³

EAST NUMBER RIVER NEAR PINE GROVE - STATION NO. 02HC009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.588	1.80 B	0.2808	1.36	0.784	1.04	0.521	0.207	0.800	0.233	0.407	1.02	1
2	0.537	1.40 B	0.2788	1.18	0.850	1.72	0.481	0.204	0.488	0.244	0.493	0.871	2
3	0.488	1.10 B	0.2708	1.46	1.08	2.05	0.402	0.203	0.410	0.278	0.488	0.7188	3
4	0.4408	0.7508	0.2888	2.40	1.04	1.86	0.352	2.18	0.322	0.267	0.425	0.6808	4
5	0.4008	0.6008	0.2878	2.40	0.934	1.22	0.314	1.37	0.284	0.300	0.407	0.6208	5
6	0.3808	0.5208	0.2858	1.95	1.33	0.928	0.280	0.808	0.229	0.310	0.485	0.5808	6
7	0.4208	0.4608	0.2818	1.68	1.27	0.820	0.278	0.524	0.907	0.271	0.778	0.5408	7
8	1.30 B	0.4608	0.2588	1.48	1.46	0.951	0.266	0.380	0.483	0.248	0.781	0.5108	8
9	0.8008	0.4408	0.2588	1.20	1.52	1.85	0.257	0.305	0.508	0.247	0.917	0.4908	9
10	0.6808	0.4208	0.2538	1.01	1.18	1.38	0.241	0.278	0.454	0.397	0.823	0.4708	10
11	0.6108	0.4108	0.2518	0.825	1.25	1.18	0.227	0.260	0.335	0.407	0.713	0.4508	11
12	0.5708	0.3908	0.2488	0.884	2.88	0.838	0.214	0.243	0.271	0.439	0.847	0.4308	12
13	0.5308	0.3808	0.2478	0.837	4.12	0.868	0.213	0.248	0.244	0.401	0.878	0.4038	13
14	0.4958	0.3688	0.2458	1.04	2.88	0.647	0.234	0.266	0.242	0.838	0.881	0.3808	14
15	0.4808	0.3608	9.08 B	1.08	1.87	0.538	0.235	0.400	0.255	0.494	2.80	0.3608	15
16	0.4708	0.3558	4.04	0.870	1.43	0.512	0.188	0.420	0.243	0.505	8.75	0.3708	16
17	0.4608	0.3508	1.63	0.868	1.21	0.678	0.197	0.338	0.238	0.538	4.15	0.3808	17
18	0.4408	0.3408	0.888	0.804	1.03	0.636	0.203	0.288	0.268	0.482	2.24	0.3508	18
19	0.4308	0.3358	0.8168	0.858	0.884	0.771	0.182	0.262	0.241	0.484	1.44	0.3408	19
20	0.4808	0.3308	1.03 B	0.812	0.934	1.48	0.187	0.394	0.228	1.08	1.30	0.3308	20
21	0.5708	0.3208	0.773	0.788	1.08	1.85	0.181	0.280	0.230	0.784	1.41	0.3258	21
22	0.5208	0.3158	0.710	0.718	0.930	4.53	0.848	0.248	0.882	0.881	1.16	0.3208	22
23	0.4908	0.3108	0.951	0.885	0.785	6.08	0.388	0.283	0.415	0.822	1.01	0.3188	23
24	0.4038	0.3058	1.83	0.814	0.700	3.00	0.226	0.280	0.381	0.434	0.901	0.3108	24
25	0.4508	0.3008	8.82	0.587	0.713	1.61	0.231	0.245	0.404	0.395	0.827	0.3058	25
26	1.60 B	0.2958	10.8	0.586	0.723	1.28	0.250	0.204	0.388	0.348	1.18	0.3028	26
27	1.30 B	0.2908	8.57	0.818	0.824	0.898	0.844	0.188	0.289	0.377	1.31	0.2988	27
28	0.9508	0.2858	5.88	0.598	0.883	0.680	0.819	0.181	0.248	0.348	2.31	0.2968	28
29	1.05 B		3.87	0.885	0.810	0.718	0.383	0.202	0.254	0.348	1.75	0.2938	29
30	2.20 B		2.43	0.703	0.887	0.800	0.282	0.184	0.241	0.348	1.53	0.2908	30
31	2.40 B		1.81		0.772		0.233	0.187		0.489		0.4008	31
TOTAL	22.900	14.008	83.582	32.003	37.783	42.870	9.827	12.087	10.725	13.239	41.188	13.788	TOTAL
MEAN	0.739	0.500	2.05	1.07	1.22	1.43	0.317	0.390	0.358	0.427	1.37	0.444	MEAN
MAX	2.40	1.80	10.8	2.40	4.12	6.08	0.844	2.18	0.807	1.08	8.75	1.02	MAX
MIN	0.380	0.285	0.245	0.587	0.810	0.512	0.181	0.181	0.228	0.233	0.407	0.290	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.880
MAXIMUM DAILY, 10.8 ON MAR 28
MINIMUM DAILY, 0.181 ON JUL 21
MAXIMUM INSTANTANEOUS,
22.7 AT 13:07 EST ON AUG 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 47 22 N
LONG 78 35 06 W
DRAINAGE AREA, 197 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 880	JUL	849
FEB	1 210	AUG	1 050
MAR	5 490	SEP	927
APR	2 770	OCT	1 140
MAY	3 260	NOV	3 580
JUN	3 710	DEC	1 190

TOTAL DISCHARGE, 27 100 dam³

EAST OAKVILLE CREEK NEAR OMAGH - STATION NO. 02HB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.700B	2.82 B	0.187B	1.86	0.358	0.785A	0.877	0.108	0.114	0.087	0.131	0.800B	1
2	0.650B	2.20 B	0.183B	1.36	0.478	5.04	0.834	0.083	0.108	0.088	0.133	0.430B	2
3	0.628B	1.80 B	0.203B	2.27	0.983	4.07	0.616	0.087	0.154	0.058	0.128	0.380B	3
4	0.810B	1.50 B	0.320B	5.69	0.487	2.84	0.508	0.110	0.138	0.074	0.121	0.350B	4
5	0.800B	1.20 B	0.250B	4.10	0.462	2.24	0.273	0.198	0.131	0.088	0.121	0.320B	5
6	0.685B	0.840B	0.235B	2.44	0.540A	1.84	0.224	0.157	0.134	0.085	0.148	0.300B	6
7	0.810B	0.800B	0.230B	2.12	0.500E	1.01	0.203	0.132	0.129	0.057	0.248	0.280B	7
8	3.50 B	0.710B	0.227B	1.86	0.540E	0.848	0.174	0.133	0.148	0.074	0.783	0.260B	8
9	2.10 B	0.680B	0.228B	1.23	0.630E	0.702	0.183	0.126	0.153	0.078	0.734	0.240B	9
10	1.40 B	0.685B	0.235B	1.06	0.870E	0.703	0.171	0.116	0.143	0.078	0.808	0.230B	10
11	1.20 B	0.670B	0.400B	0.885	0.820E	0.827	0.136	0.127	0.139	0.133	0.408	0.217B	11
12	1.30 B	0.670B	1.40 B	0.887	1.30 E	0.580	0.136	0.114	0.136	0.144	0.315	0.207B	12
13	1.50 B	0.710B	1.00 B	1.06	2.70 E	0.555	0.131	0.128	0.129	0.104	0.280	0.200B	13
14	1.10 B	0.820B	1.20 B	0.932	2.10 E	0.372	0.127	0.131	0.138	0.080	0.237	0.185B	14
15	0.820B	0.420B	4.50 B	1.13	1.80 E	0.344	0.120	0.257	0.158	0.088	0.770	0.175B	15
16	0.730B	0.320B	2.50 B	1.11	1.00 E	0.388	0.110	0.809	0.181	0.093	2.89	0.185B	16
17	0.710B	0.270B	1.90 B	0.885	0.840E	0.383	0.135	0.282	0.205	0.129	1.87	0.180B	17
18	0.735B	0.263B	1.60 B	1.08	0.700E	0.385	0.104	0.234	0.178	0.188	1.04	0.158B	18
19	0.780B	0.260B	1.30 B	0.885	0.630E	0.363	0.118	0.176	0.138	0.178	0.880B	0.145B	19
20	0.620B	0.256B	1.20 B	0.693	0.800E	0.387	0.135	0.169	0.131	0.889	0.880B	0.140B	20
21	0.510B	0.330B	1.06 B	0.618	0.880E	0.410	0.158	0.178	0.088	0.630	0.700B	0.137B	21
22	0.480B	0.286B	1.00 B	0.570	0.840E	5.72	0.151	0.155	0.085	0.361	0.600B	0.135B	22
23	0.460B	0.230B	1.00 B	0.477	0.800E	5.48	0.139	0.188	0.227	0.228	0.670	0.130B	23
24	0.420B	0.200B	1.05 B	0.428A	0.590E	2.32	0.134	0.141	0.158	0.178	0.507	0.130B	24
25	0.380B	0.180B	4.00 B	0.378A	0.580E	1.95	0.128	0.117	0.108	0.157	0.430	0.130B	25
26	5.00 B	0.189B	12.0 B	0.375	0.540E	1.49	0.125	0.125	0.085	0.136	0.394	0.130B	26
27	3.80 B	0.187B	9.15	0.348	0.820E	1.14	0.151	0.106	0.076	0.124	0.381	0.132B	27
28	2.20 B	0.186B	7.48	0.315	0.850E	0.945	0.161	0.105	0.074	0.114	1.32	0.145B	28
29	2.40 B		8.21	0.310	0.510E	0.841	0.142	0.098	0.084	0.115	1.10 B	0.155B	29
30	2.50 B		4.81	0.387	0.763E	0.770	0.132	0.113	0.048	0.118	0.880B	0.175B	30
31	1.70 B		2.88		0.822E		0.113	0.108		0.118		0.200B	31
TOTAL	40.715	20.031	71.085	37.409	23.782	48.290	5.428	5.072	3.944	4.783	19.562	8.848	TOTAL
MEAN	1.31	0.715	2.29	1.25	0.767	1.61	0.207	0.164	0.131	0.154	0.852	0.214	MEAN
MAX	5.00	2.82	12.0	5.69	2.70	5.72	0.877	0.809	0.227	0.889	2.89	0.500	MAX
MIN	0.380	0.186	0.187	0.310	0.358	0.345	0.104	0.083	0.048	0.055	0.121	0.130	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.788
MAXIMUM DAILY, 12.08 ON MAR 28
MINIMUM DAILY, 0.048 ON SEP 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 29 55 N
LONG 79 45 40 W
DRAINAGE AREA, 199 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 520	JUL	685
FEB	1 730	AUG	438
MAR	6 140	SEP	341
APR	3 230	OCT	412
MAY	2 060	NOV	1 690
JUN	4 170	DEC	674

TOTAL DISCHARGE, 24 900 dam³

EAST RIVER NEAR HUNTSVILLE - STATION NO. 02EB013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.258	4.858	3.108	52.8	28.8	10.4	10.4	1.32	5.11	3.38E	1.85	7.558	1
2	5.158	4.808	3.068	44.8	27.9	9.82	8.98	1.32	5.12	3.00E	1.89	7.358	2
3	5.008	4.858	3.008	38.3	30.0	9.43	8.06	1.34	5.07	2.75E	2.20	7.108	3
4	4.858	4.808	2.978	36.8	31.5	9.06	7.26	1.35	5.05	2.70E	2.21	6.708	4
5	4.908	4.758	2.948	36.8	30.8	8.87	6.88	1.31	4.86	2.85E	2.19	6.408	5
6	4.808	4.658	2.918	38.8	31.8	8.37	6.33	1.28	4.84	3.05E	2.48	6.108	6
7	4.758	4.608	2.868	39.8	35.3	7.88	5.78	1.24	4.67	3.10E	2.95	5.908	7
8	5.308	4.508	2.858	38.2	35.2	7.08	5.22	1.24	4.60E	2.95E	3.27	5.708	8
9	5.048	4.408	2.828	35.8	35.2	6.88	4.78	1.22	4.42E	2.88E	3.97	5.508	9
10	5.808	4.388	2.788	33.0	27.4	6.74	4.75	1.19	4.45E	2.78E	5.86	5.308	10
11	7.008	4.258	2.788	30.1	21.8	15.8	4.44	1.18	4.55E	3.10E	5.58	5.158	11
12	6.858	4.158	2.738	27.1	27.6	17.4	4.13	1.14	4.70E	3.60E	5.38	5.008	12
13	6.758	4.088	2.738	25.3	28.6	18.2	3.80	1.18	4.55E	3.80E	4.94	4.858	13
14	6.608	4.008	3.008	23.5	24.4	14.2	3.49	1.14	4.10E	3.40E	4.68	4.708	14
15	6.508	3.958	4.008	22.7	22.3	13.0	3.19	1.14	3.85E	2.80E	5.02	4.558	15
16	6.358	3.808	5.808	22.8	19.7	12.6	2.90	1.15	3.85E	3.00E	13.7	4.458	16
17	6.258	3.858	9.508	28.6	17.3	11.8	2.72	1.12	3.80E	3.50E	20.2	4.358	17
18	6.108	3.758	12.5 B	32.5	15.3	11.7	2.58	5.19	3.60E	3.34A	27.5	4.258	18
19	6.008	3.708	13.6 B	35.1	13.8	11.0	2.38	12.5	3.40E	3.00	21.5	4.158	19
20	5.908	3.658	13.6 B	35.1	13.0	11.8	2.34	7.38	3.20E	2.88	17.4	4.058	20
21	5.758	3.608	13.0 B	38.3	18.2	12.8	2.15	5.89	3.10E	2.83	15.3	3.858	21
22	5.658	3.558	12.4 B	38.5	18.3	15.4	2.03	6.42	3.30E	2.72	13.6 B	3.458	22
23	5.558	3.458	11.7 B	35.5	18.5	40.5	1.96	6.23	3.65E	2.71	12.5 B	3.408	23
24	5.458	3.408	11.4 B	34.0	17.0	42.1	1.80	6.13	4.35E	2.85	11.5 B	3.758	24
25	5.358	3.358	11.4 B	34.5	15.8	32.5	1.68	5.89	5.70E	2.32	10.6 B	3.708	25
26	5.258	3.308	11.9 B	37.2	14.8	25.3	1.62	5.84	5.50E	2.10	9.808	3.858	26
27	5.158	3.258	13.0 B	39.8	14.5	20.0	1.58	5.88	4.95E	1.85	9.308	3.848	27
28	5.058	3.208	15.5 B	38.5	13.8	16.5	1.58	5.89	4.35E	1.75	8.708	3.808	28
29	5.008		37.0 B	34.7	12.5	13.9	1.61	5.50	4.05E	1.89	8.308	3.828	29
30	5.008		63.1	31.8	11.8	11.7	1.45	5.48	3.80E	1.61	7.958	3.888	30
31	5.008		63.1		11.0		1.40	5.23		1.58		3.708	31
TOTAL	175.84	113.13	283.22	1 033.5	680.7	483.87	118.78	111.80	130.64	85.00	271.11	180.07	TOTAL
MEAN	5.66	4.04	11.7	34.5	22.0	16.1	3.83	3.80	4.35	2.74	8.84	4.84	MEAN
MAX	7.00	4.85	63.1	52.8	36.8	42.1	10.4	12.5	5.70	3.80	29.2	7.55	MAX
MIN	4.75	3.20	2.73	22.7	11.0	8.86	1.40	1.12	3.10	1.58	1.85	3.80	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.1
MAXIMUM DAILY, 63.1 ON MAR 30
MINIMUM DAILY, 1.12 ON AUG 17
MAXIMUM INSTANTANEOUS,
67.4 AT 22:56 EST ON MAR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 23 33 N
LONG 79 09 33 W
DRAINAGE AREA, 693 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 200	JUL	10 300
FEB	8 770	AUG	9 630
MAR	31 400	SEP	11 300
APR	89 300	OCT	7 340
MAY	58 800	NOV	23 400
JUN	38 200	DEC	13 000

TOTAL DISCHARGE, 318 000 dam³

SELS CREEK BELOW APSLEY - STATION NO. 02HN001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.70B	1.12 B	0.650B	9.70B	2.83	1.87	2.67	2.48	1.93	1.51	1.71	4.00B	1
2	1.62B	1.14 B	0.630B	8.60B	2.73	2.12	2.67	2.48	1.82	1.48	1.80	3.65B	2
3	1.53B	1.13 B	0.670B	8.20B	3.62	2.08	2.62	3.10	1.60	1.43	2.14	3.65B	3
4	1.49B	1.12 B	0.610B	8.50B	3.81	2.23	2.42	3.33	1.39	1.38	2.26	3.65B	4
5	1.43B	1.09 B	0.600B	9.30B	3.80	2.38	2.53	3.34	1.30	1.29	2.20	3.42B	5
6	1.40B	1.03 B	0.585B	10.3 B	3.94	2.07	2.56	3.13	1.24	1.25	2.35	3.30B	6
7	1.50B	0.998B	0.590B	10.1 B	4.42	1.68	2.71	2.87	1.17	1.21	2.73	3.20B	7
8	1.72B	0.920B	0.585B	8.50B	5.35	1.78	3.58	2.81	1.18	1.16	3.12	3.10B	8
9	2.13B	0.860B	0.580B	7.80B	6.09	1.74	3.40	2.83	2.00	1.09	3.52	3.03B	9
10	2.04B	0.860B	0.575B	8.60B	6.16	2.34	2.20	2.48	2.23	1.04	3.85	2.95B	10
11	1.93B	0.810B	0.570B	8.00B	5.70	4.77	2.08	2.37	2.18	1.03	4.01	2.87B	11
12	1.80B	0.780B	0.565B	6.80B	6.21	4.47	1.97	2.25	2.06	1.32	3.95	2.80B	12
13	1.72B	0.730B	0.560B	6.20B	7.37	3.94	1.87	2.12	1.96	1.48	3.74	2.85B	13
14	1.84B	0.720B	0.730B	6.37	7.16	3.80	1.80	2.02	1.85	1.43	3.58	2.80B	14
15	1.89B	0.730B	1.00 B	6.84	6.71	4.32	1.88	1.92	1.74	1.38	4.28	2.85B	15
16	1.55B	0.720B	1.32 B	5.84	6.17	4.11	1.80	2.15	1.62	1.61	7.34	2.48B	16
17	1.53B	0.700B	1.65 B	5.89	5.68	3.98	1.82	2.75	1.63	1.83	10.2	2.42B	17
18	1.52B	0.680B	1.85 B	6.06	5.17	3.82	1.68	2.85	1.84	1.71	11.5	2.38B	18
19	1.58B	0.650B	2.11 B	5.85	4.86	3.35	1.80	2.78	1.68	1.87	10.3	2.35B	19
20	1.62B	0.610B	2.00 B	5.16	3.81	3.28	2.84	2.87	1.39	1.83	9.11	2.30B	20
21	1.80B	0.640B	1.78 B	4.84	3.41	3.58	2.59	2.58	1.31	2.04	8.38	2.38B	21
22	1.38B	0.697B	1.64 B	4.36	3.10	3.74	2.80	2.48	1.49	2.12	6.45	2.20B	22
23	1.30B	0.750B	1.55 B	3.87	2.77	3.87	2.40	2.34	2.07	2.08	5.60B	2.18B	23
24	1.22B	0.740B	1.49 B	3.46	2.57	3.87	2.30	2.21	2.40	2.00	5.40B	2.12B	24
25	1.16B	0.720B	1.42 B	3.26	2.44	3.88	2.19	2.08	2.27	1.92	5.06B	2.08B	25
26	1.11B	0.700B	1.58 B	3.18	2.41	3.87	2.10	1.98	2.11	1.81	4.80B	2.07B	26
27	1.08B	0.680B	2.00 B	3.07	2.42	3.58	2.13	1.86	1.96	1.88	4.60B	2.04B	27
28	1.03B	0.670B	3.55 B	2.82	2.26	3.35	2.88	1.78	1.85	1.59	5.10B	2.01B	28
29	1.04B		5.80 B	2.76	2.11	3.42	2.75	1.88	1.72	1.52	4.60B	1.98B	29
30	1.05B		11.2 B	2.86	2.03	3.13	2.71	1.82	1.60	1.47	4.30B	1.97B	30
31	1.08B		12.0 B		1.86		2.57	1.62		1.48		2.70B	31
TOTAL	46.97	22.98B	85.80O	178.18	128.37	98.85	70.46	78.84	51.38	47.38	143.39	83.07	TOTAL
MEAN	1.48	0.821	2.12	5.94	4.14	3.23	2.27	2.41	1.71	1.53	4.85	2.88	MEAN
MAX	2.13	1.14	12.0	10.3	7.27	4.77	2.67	3.34	2.40	2.12	11.5	4.00	MAX
MIN	1.03	0.810	0.560	2.86	1.86	1.74	1.48	1.62	1.17	1.03	1.71	1.97	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.78
MAXIMUM DAILY, 12.0B ON MAR 31
MINIMUM DAILY, 0.560B ON MAR 13

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 38 30 N
LONG 78 08 07 W
DRAINAGE AREA, 241 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 970	JUL	6 080
FEB	1 980	AUG	6 480
MAR	5 870	SEP	4 440
APR	15 400	OCT	4 090
MAY	11 100	NOV	12 800
JUN	8 370	DEC	7 180

TOTAL DISCHARGE, 87 900 dam³

EKWAN RIVER BELOW NORTH WASHAGAMI RIVER - STATION NO. 04EA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.7 B	7.68B	5.50B	4.91B	5.00B	261	61.6	11.8	22.3	84.2	116	38.0 B	1
2	15.1 B	7.75B	5.45B	4.80B	5.80B	240	78.2	11.1	22.4	82.9	89.3	37.0 B	2
3	14.8 B	7.50B	5.40B	4.59B	7.80B	223	88.3	10.7	22.3	77.2	101	34.5 B	3
4	14.4 B	7.45B	5.35B	4.58B	9.00B	209	82.5	10.0	22.1	83.7	99.0B	32.5 B	4
5	13.9 B	7.36B	5.30B	4.57B	14.0 B	189	59.2	9.41	23.7	91.8	96.0B	30.7 B	5
6	13.5 B	7.25B	5.20B	4.56B	20.0 B	178	57.3	9.18	26.8	106	94.5B	29.0 B	6
7	13.3 B	7.15B	5.16B	4.65B	26.0 B	172	57.0	8.84	35.0	130	93.5B	27.5 B	7
8	13.0 B	7.05B	5.12B	4.54B	30.0 B	162	56.0	8.26	43.1	155	93.5B	26.0 B	8
9	12.5 B	6.95B	5.09B	4.53B	55.0 B	152	53.7	8.08	48.9	174	93.0B	24.5 B	9
10	12.2 B	6.85B	5.05B	4.52B	80.0 B	142	50.3	7.81	51.8	183	92.0B	23.2 B	10
11	11.9 B	6.80B	5.04B	4.51B	112 B	132	48.5	7.73	57.8	191	91.0B	21.8 B	11
12	11.7 B	6.70B	5.02B	4.50B	155 B	121	46.4	7.81	60.7	209	88.5B	20.5 B	12
13	11.4 B	6.65B	5.00B	4.48B	220 B	111	43.4	7.83	60.3	232	86.0B	19.5 B	13
14	11.1 B	6.55B	4.98B	4.47B	315 B	102	40.0	8.29	57.4	238	82.0B	18.4 B	14
15	10.8 B	6.60B	4.95B	4.48B	385 B	95.1	37.3	8.32	55.3	233	78.0B	17.3 B	15
16	10.6 B	6.40B	4.93B	4.45B	400 B	88.3	33.7	10.1	53.7	221	75.5B	16.4 B	16
17	10.4 B	6.35B	4.92B	4.44B	395 B	82.4	31.0	10.2	51.4	207	73.5B	15.5 B	17
18	10.2 B	6.25B	4.90B	4.43B	384	78.3	29.0	9.88	48.8	193	72.0B	14.6 B	18
19	10.0 B	6.20B	4.85B	4.42B	368	70.4	28.2	10.3	47.1	182	71.0B	13.7 B	19
20	9.80B	6.15B	4.80B	4.41B	348	64.8	23.7	13.7	46.7	172	69.5B	13.0 B	20
21	9.80B	6.05B	4.76B	4.40B	334	59.7	22.0	14.7	43.9	162	68.5B	12.4 B	21
22	9.40B	6.00B	4.76B	4.40B	383	55.2	20.2	17.8	43.3	152	68.5B	11.9 B	22
23	9.20B	5.95B	4.74B	4.40B	424	50.9	18.7	18.4	43.5	144	61.5B	11.3 B	23
24	9.00B	5.90B	4.72B	4.40B	441	49.2	17.3	17.8	43.4	137	58.0B	10.8 B	24
25	8.80B	5.85B	4.70B	4.45B	433	59.7	16.5	17.5	45.0	130	55.5B	10.5 B	25
26	8.70B	5.75B	4.68B	4.58B	418	78.6	15.4	20.5	49.6	126	52.5B	10.0 B	26
27	8.58B	5.70B	4.67B	4.67B	404	88.2	14.8	23.2	52.0	123	50.0B	9.70B	27
28	8.40B	5.65B	4.65B	4.80B	381	91.1	14.1	26.3	53.5	124	48.5B	9.40B	28
29	8.25B		4.64B	5.20B	354	88.3	13.4	27.0	55.5	124	44.0B	9.10B	29
30	8.10B		4.63B	5.80B	322	85.4	12.8	26.5	54.3	123	41.5B	8.80B	30
31	8.00B		4.62B		288		12.3	22.5		121		8.80B	31
TOTAL	342.50	184.85	153.62	137.20	7 538.40	3 874.7	1 158.8	430.03	1 343.0	4 882.6	2 310.3	587.10	TOTAL
MEAN	11.0	6.58	4.86	4.57	243	119	37.4	13.5	44.8	150	77.0	18.8	MEAN
MAX	15.7	7.68	5.50	5.80	441	261	61.6	27.0	60.7	238	116	38.0	MAX
MIN	8.00	5.85	4.62	4.40	5.00	49.2	12.2	7.81	22.1	84.2	41.5	8.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 81.4
MAXIMUM DAILY, 441 ON MAY 24
MINIMUM DAILY, 4.40B ON APR 21
MAXIMUM INSTANTANEOUS,
444 AT 18:00 EST ON MAY 24

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 46 30 N
LONG 84 55 30 W
DRAINAGE AREA, 10 400 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	29 800	JUL	190 000
FEB	18 000	AUG	38 300
MAR	13 300	SEP	116 000
APR	11 900	OCT	403 000
MAY	881 000	NOV	200 000
JUN	309 000	DEC	50 700

TOTAL DISCHARGE, 1 840 000 dam³

ENGLISH RIVER AT CARIBOU FALLS - STATION NO. 05QE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	490	510	441	388	284	519	535	485	454	338	288	325	1
2	488	489	453	377	442	542	450	447	414	332	324	418	2
3	489	518	457	406	385	531	433	428	458	311	300	392	3
4	491	497	436	380	447	500	533	444	397	328	288	437	4
5	484	483	421	432	440	470	529	436	388	391	273	304	5
6	508	502	424	434	438	471	458	411	415	388	319	337	6
7	508	524	440	408	412	482	487	413	418	334	282	385	7
8	508	484	408	388	488	500	482	409	410	347	288	332	8
9	513	501	478	385	508	487	496	373	398	278	328	329	9
10	520	521	410	388	521	458	511	368	400	382	328	371	10
11	530	522	382	374	592	434	498	412	405	320	304	383	11
12	481	494	398	388	555	471	521	378	423	347	308	380	12
13	500	488	391	348	554	547	517	428	388	388	348	388	13
14	487	445	383	382	554	512	527	414	387	353	283	388	14
15	487	438	420	368	544	484	489	273	388	388	280	389	15
16	505	488	427	348	525	458	484	411	380	339	287	423	16
17	509	484	403	381	550	390	514	341	388	333	301	378	17
18	503	444	402	339	551	350	497	315	388	281	220	408	18
19	513	449	381	336	548	428	487	388	374	375	239	415	19
20	508	439	421	342	555	398	485	388	378	382	301	428	20
21	505	404	388	353	547	405	500	428	120	388	318	409	21
22	501	485	378	347	547	448	528	408	343	321	302	418	22
23	518	468	431	381	558	403	528	448	453	301	340	418	23
24	491	472	421	387	555	392	526	417	387	318	303	388	24
25	498	446	389	372	553	383	528	435	386	318	242	431	25
26	503	432	404	384	551	443	521	385	347	323	250	403	26
27	488	458	395	387	543	382	502	411	380	331	288	401	27
28	510	452	422	388	545	463	478	387	318	310	407	378	28
29	484		404	403	544	423	487	448	289	318	311	484	29
30	509		421	387	542	404	458	403	384	388	288	528	30
31	507		410		543		480	327		288		309	31
TOTAL	15 521	13 328	12 883	11 289	15 928	13 482	15 486	12 408	11 277	10 279	8 885	12 091	TOTAL
MEAN	501	476	415	376	514	450	499	400	376	332	286	390	MEAN
MAX	530	524	478	434	592	547	535	485	458	388	407	528	MAX
MIN	484	404	378	336	284	350	433	273	120	233	220	292	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 419
MAXIMUM DAILY, 592 ON MAY 11
MINIMUM DAILY, 120 ON SEP 21

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 50 15 00 N
LONG 94 58 15 W
DRAINAGE AREA, 53 300 km²

REGULATED SINCE 1929

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 340 000	JUL	1 340 000
FEB	1 150 000	AUG	1 070 000
MAR	1 110 000	SEP	974 000
APR	974 000	OCT	885 000
MAY	1 380 000	NOV	786 000
JUN	1 170 000	DEC	1 040 000

TOTAL DISCHARGE, 13 300 000 dam³

ENGLISH RIVER AT EAR FALLS - STATION NO. 05QE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	387	344	281	218	174	158	280	207	271	282	220	325	1
2	400	344	288	218	187	157	287	197	273	224	218	382	2
3	400	343	287	214	184	158	287	202	274	221	224	384	3
4	398	341	288	218	182	180	289	203	272	224	223	386	4
5	397	343	288	218	185	83.0	293	223	284	225	220	383	5
6	398	338	281	215	185	78.4	302	224	277	218	221	384	6
7	395	338	288	217	184	71.8	313	223	274	221	222	381	7
8	397	333	287	217	185	84.8	303	244	278	222	221	381	8
9	398	342	287	218	187	180	305	288	273	220	220	382	9
10	391	338	283	219	100	213	309	284	270	222	225	387	10
11	385	340	283	218	125	222	318	287	267	221	218	387	11
12	382	340	284	220	87.8	228	317	338	270	218	224	387	12
13	382	318	283	217	88.8	194	312	337	272	225	221	388	13
14	388	293	283	217	131	148	280	351	270	228	222	382	14
15	388	288	288	218	138	185	218	342	271	228	218	348	15
16	390	292	282	218	130	181	213	332	270	228	218	385	16
17	390	292	284	109	181	181	211	314	273	227	218	383	17
18	390	291	283	108	188	181	205	322	272	226	218	380	18
19	388	288	282	121	188	183	195	321	287	222	220	380	19
20	388	292	281	218	188	142	198	321	288	224	281	349	20
21	388	290	282	220	187	148	200	322	288	227	308	347	21
22	387	290	279	219	187	148	197	295	258	224	308	347	22
23	388	290	271	219	188	187	202	274	288	226	308	347	23
24	384	290	278	218	188	218	194	272	284	224	308	347	24
25	383	290	282	173	187	221	181	271	188	228	304	348	25
26	378	288	282	180	186	175	203	271	183	223	304	347	28
27	384	288	283	181	187	183	223	288	188	226	308	348	27
28	348	298	273	181	180	183	218	271	248	225	304	344	28
29	348		282	180	188	188	223	288	283	222	304	348	29
30	348		280	178	148	188	220	272	283	223	308	348	30
31	342		281		142		207	272		223		340	31
TOTAL	11 802	8 782	8 735	5 850	4 605.4	4 780.8	7 708	8 578	7 781	8 987	7 487	10 885	TOTAL
MEAN	384	313	282	195	148	159	249	277	280	225	250	351	MEAN
MAX	400	344	288	220	174	228	319	351	277	282	309	384	MAX
MIN	342	288	281	108	88.8	84.8	181	197	183	218	215	325	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 287
MAXIMUM DAILY, 400 ON JAN 2
MINIMUM DAILY, 84.8 ON JUN 8

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 50 38 00 N
LONG 93 12 30 W
DRAINAGE AREA, 28 400 km²

REGULATED SINCE 1939

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 030 000	JUL	686 000
FEB	757 000	AUG	741 000
MAR	756 000	SEP	673 000
APR	505 000	OCT	802 000
MAY	388 000	NOV	648 000
JUN	411 000	DEC	941 000

TOTAL DISCHARGE, 8 120 000 dam³

ENGLISH RIVER AT MANITOU FALLS - STATION NO. 05QE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	481	454	368	306	221	277	400	294	333	243	277	370	1
2	480	430	382	302	287	228	382	285	384	302	295	433	2
3	483	434	380	320	241	287	367	280	376	361	276	432	3
4	467	435	338	348	253	278	404	291	332	312	276	327	4
5	472	430	344	282	325	276	387	271	318	293	283	433	5
6	481	422	351	354	282	178	388	282	311	285	288	425	6
7	480	423	333	338	281	211	431	287	337	274	258	465	7
8	470	410	314	307	248	181	452	277	318	287	247	462	8
9	470	428	381	337	336	218	481	278	308	258	274	455	9
10	488	338	342	328	311	285	481	273	311	283	283	381	10
11	483	414	309	332	182	248	440	282	381	285	281	457	11
12	488	408	355	335	241	284	428	280	383	298	321	456	12
13	481	411	302	307	275	368	421	418	348	312	273	458	13
14	484	408	321	354	216	347	408	438	341	293	288	456	14
15	484	403	343	334	238	311	408	441	388	318	284	484	15
16	482	372	322	348	184	288	408	457	348	288	281	483	16
17	484	407	364	322	211	284	405	427	380	284	280	448	17
18	483	394	357	306	194	284	402	381	378	278	288	483	18
19	487	373	383	328	238	274	341	408	341	280	282	402	19
20	484	397	336	329	260	287	317	418	388	287	322	372	20
21	480	388	333	270	287	274	300	384	393	288	382	375	21
22	488	334	327	287	157	285	288	348	407	283	381	388	22
23	480	388	344	188	284	238	272	411	407	278	428	371	23
24	488	372	333	318	278	328	281	401	380	218	384	388	24
25	488	348	328	322	282	327	278	387	180	277	288	428	25
26	480	342	333	280	288	322	281	387	118	287	322	418	28
27	488	388	338	240	248	318	283	387	207	281	387	484	27
28	447	329	385	280	284	332	301	247	313	288	348	483	28
29	443		381	245	248	288	248	380	182	288	408	481	29
30	442		382	243	243	377	301	370	288	307	388	415	30
31	427		380		228		334	382		218		282	31
TOTAL	14 248	10 895	10 998	8 381	7 862	8 370	11 183	11 128	8 734	8 882	9 081	12 971	TOTAL
MEAN	480	393	348	279	253	279	381	359	324	277	303	418	MEAN
MAX	472	454	391	354	336	377	482	457	407	381	425	457	MAX
MIN	427	329	302	188	157	151	248	247	118	218	247	282	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 338
MAXIMUM DAILY, 472 ON JAN 5
MINIMUM DAILY, 118 ON SEP 26

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 50 38 01 N
LONG 93 27 18 W
DRAINAGE AREA, 37 000 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 230 000	JUL	988 000
FEB	850 000	AUG	862 000
MAR	824 000	SEP	841 000
APR	722 000	OCT	741 000
MAY	678 000	NOV	788 000
JUN	723 000	DEC	1 120 000

TOTAL DISCHARGE, 10 800 000 dam³

ENGLISH RIVER AT UMFREVILLE - STATION NO. 05QA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	85.3	52.8	40.8A	36.8	83.8	183	87.3	72.4	43.8	36.0	36.0	33.1	1
2	84.7	51.8	40.8A	36.0	102	180	86.5	70.9	43.7	36.8	36.0	33.1	2
3	84.6	51.8A	40.1	35.9	111	147	86.0	70.2	43.6	36.8	34.8	32.8	3
4	84.1	50.8	39.9	35.8	121	143	83.3	68.8	45.0	36.9	34.8	32.8	4
5	84.0	50.5	39.8	35.9	131	140	83.0	66.4	46.7	36.1	36.0	32.8	5
6	83.4	49.9	39.3	36.0	140	137	84.4	64.4	46.2	36.3	34.8	32.4	6
7	83.1	49.3	39.0	36.0	148	134	84.0	63.8	46.8	36.8	34.8	32.1	7
8	83.0	48.8	39.2	35.8	154	132	84.8	62.8	46.3	35.8	35.2	31.8	8
9	82.4	48.3	38.9	36.1	160	131	86.8	61.8	44.1	36.1	35.4	32.3	9
10	81.9	48.1	38.9	38.1	168	129	86.8	60.4	43.8	36.3	36.2	32.0	10
11	81.4	47.5	38.9	38.3	171	127	86.6	59.3	42.7	37.0	35.8	31.7	11
12	81.7	47.4	38.4	38.3	178	124	86.3	58.3	42.8	37.3	35.3	31.6A	12
13	81.1	46.8	38.6	38.4	178	122	86.3	58.2	43.2	36.5	35.8	31.2	13
14	81.0	46.3	38.1	38.8	181	121	86.0	58.9	42.5	36.0	35.2	31.2	14
15	80.4	46.7A	37.7	37.3	182	119	85.5	60.5	42.2	36.1	36.1	31.0	15
16	80.5	46.5	37.8	37.8	183	117	85.1	58.3	41.8	38.5	34.8	31.0	16
17	80.2	46.3	37.3	38.0	184	115	84.6	84.1	40.8	38.7	34.8	30.7	17
18	80.8	46.0	36.8	38.4	184	112	83.3	53.8	41.8	37.0	34.7	30.8	18
19	88.8	44.7	36.8	38.7	183	110	82.2	52.8	40.8	37.3	35.0	29.4	19
20	87.8	44.2	36.4	38.2	182	107	80.7	51.0	39.7	37.2	34.7	29.8E	20
21	87.8	43.8	36.0	39.9	181	105	89.5	49.1	39.0	37.0	34.4	29.9	21
22	87.2	43.1	35.6	40.9	179	104	88.1	48.8	38.8	37.2	34.8	29.7	22
23	86.9	42.8	35.8	41.8	177	101	87.0	47.8	37.9	37.1	34.5	29.7	23
24	86.0	42.4	35.7	44.2	174	98.7	85.7	47.8	38.2	37.0	34.1	29.7	24
25	85.8	42.1	35.4	47.7	178	98.8	84.8	47.0	38.8	37.3	34.3	29.8	25
26	85.8	41.8	35.1	52.7	170	101	82.8	46.8	37.8	37.8	34.1	29.2	26
27	88.3	41.3	34.8	58.3	187	101	80.2	46.1	37.8	38.4	33.8	29.3	27
28	88.0	41.2	35.2	87.7	188	101	78.3	44.7	37.8	38.2	33.8	28.0	28
29	84.2		35.3	78.3	181	98.8	77.0	45.4	38.3	38.7	33.8	28.8	29
30	83.7		35.8	85.0	188	98.8	75.8	45.1	38.0	38.2	33.3	28.8	30
31	83.4		36.0		188		74.0	44.8		35.3		28.8	31
TOTAL	1 848.4	1 298.2	1 183.8	1 280.8	4 993.8	3 879.2	2 788.8	1 729.3	1 242.8	1 134.8	1 040.4	954.8	TOTAL
MEAN	88.8	46.4	37.8	43.0	181	118	80.3	55.8	41.4	36.8	34.7	30.8	MEAN
MAX	88.3	52.8	40.8	88.0	184	183	87.3	72.4	43.8	38.4	36.8	33.1	MAX
MIN	83.4	41.2	34.8	35.8	83.8	98.8	74.0	44.8	38.0	35.3	33.3	28.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 83.2
MAXIMUM DAILY, 184 ON MAY 17
MINIMUM DAILY, 28.8 ON DEC 28
MAXIMUM INSTANTANEOUS,
188 AT 18:38 CST ON MAY 17

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 52 30 N
LONG 91 27 30 W
DRAINAGE AREA, 8 330 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	180 000	JUL	242 000
FEB	112 000	AUG	148 000
MAR	101 000	SEP	107 000
APR	111 000	OCT	98 000
MAY	431 000	NOV	88 000
JUN	309 000	DEC	82 800

TOTAL DISCHARGE, 1 880 000 dam³

ERAMOSA RIVER ABOVE GUELPH - STATION NO. 02GA029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.488	4.20 B	0.7808	4.08	2.34	4.28	1.08	0.394	0.348	0.377	0.588	1.10 B	1
2	2.108	3.10 B	0.7608	3.18	2.34	5.08	1.18	0.393	0.378	0.384	0.578	0.9808	2
3	1.788	2.80 B	0.7708	3.84	2.70	5.14	0.988	0.384	0.384	0.385	0.808	0.8508	3
4	1.808	2.00 B	0.7858	5.58	2.80	4.88	0.888	0.382	0.433	0.372	0.517	0.7908	4
5	1.888	1.88 B	0.7608	5.40	2.28	4.88	0.837	0.870	0.383	0.383	0.713	0.7708	5
6	1.808	1.40 B	0.7858	5.78	2.80	3.71	0.715	0.884	0.382	0.374	0.613	0.7808	6
7	1.408	1.35 B	0.7808	4.74	2.80	2.88	0.678	0.781	0.388	0.375	0.858	0.7408	7
8	1.828	1.28 B	0.7458	3.84	2.48	2.18	0.820	0.883	0.388	0.388	1.02	0.7108	8
9	1.858	1.18 B	0.8108	3.21	2.24	2.28	0.838	0.851	0.347	0.418	1.18	0.8808	9
10	1.908	1.23 B	0.9008	2.84	2.02	2.87	0.888	0.404	0.388	0.480	1.32	0.8808	10
11	1.788	1.17 B	0.8208	2.87	1.88	2.84	0.813	0.422	0.438	0.892	1.27	0.8458	11
12	1.888	1.14 B	0.8508	2.48	2.83	2.13	0.838	0.433	0.414	0.720	1.13	0.8308	12
13	1.848	1.18 B	0.8908	2.80	4.18	1.82	0.407	0.420	0.371	0.672	1.05	0.8078	13
14	1.808	1.17 B	1.58 B	2.77	4.24	1.82	0.488	0.484	0.387	0.822	0.981	0.8008	14
15	1.718	1.18 B	3.75 B	3.28	3.44	1.81	0.888	0.801	0.382	0.588	2.81	0.8908	15
16	1.878	1.11 B	4.85 B	3.84	2.83	1.48	0.481	0.878	0.381	0.833	4.77	0.8858	16
17	1.808	1.03 B	3.30 B	3.88	2.22	1.88	0.388	0.808	0.413	0.881	4.80	0.8608	17
18	1.838	0.9808	2.38 B	3.41	1.88	1.87	0.421	0.828	0.420	0.785	4.20	0.8758	18
19	1.888	0.8508	2.10 B	3.18	1.78	1.82	0.483	0.481	0.401	0.754	2.88	0.8708	19
20	1.488	0.9308	1.92 B	2.78	1.78	1.88	0.470	0.481	0.382	0.888	2.22	0.8858	20
21	1.408	0.8058	1.87 B	2.84	2.08	2.44	0.488	0.444	0.388	1.13	2.00 B	0.8608	21
22	1.348	0.8858	1.73 B	2.35	2.08	3.22	0.527	0.430	0.388	1.18	1.80 B	0.8578	22
23	1.318	0.8508	1.87 B	2.23	1.80	4.22	0.520	0.438	0.484	1.01	1.55 B	0.8548	23
24	1.338	0.8408	1.73 B	2.01	1.85	4.13	0.488	0.418	0.483	0.898	1.35 B	0.8528	24
25	1.358	0.8308	3.14	1.82	1.85	2.88	0.432	0.388	0.481	0.814	1.19	0.8508	25
26	1.888	0.8208	8.85	1.88	1.78	2.02	0.448	0.388	0.428	0.740	1.17	0.8588	26
27	2.878	0.8108	10.8	2.04	2.30	1.88	0.513	0.388	0.418	0.870	1.18	0.8358	27
28	2.308	0.8008	16 B	1.88	2.00	1.80	0.888	0.358	0.378	0.881	1.58	0.8208	28
29	2.488		17.2	1.88	1.81	1.37	0.887	0.342	0.375	0.857	1.70 B	0.8158	29
30	3.208		12.2	2.20	1.84	1.22	0.872	0.348	0.373	0.858	1.81 B	0.8058	30
31	3.808		8.88		3.28		0.478	0.328		0.582		0.8908	31
TOTAL	58.88	37.800	110.318	84.28	72.83	81.07	18.878	14.843	11.813	20.121	48.441	19.980	TOTAL
MEAN	1.83	1.34	3.56	3.14	2.35	2.70	0.803	0.478	0.384	0.848	1.85	0.844	MEAN
MAX	3.80	4.20	17.2	5.40	4.24	5.88	1.18	0.884	0.484	1.18	4.80	1.10	MAX
MIN	1.31	0.800	0.745	1.82	1.81	1.22	0.388	0.328	0.348	0.383	0.517	0.805	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.61
MAXIMUM DAILY, 17.2 ON MAR 29
MINIMUM DAILY, 0.328 ON AUG 31
MAXIMUM INSTANTANEOUS,
17.8 AT 10:12 EST ON MAR 29

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 32 52 N
LONG 80 10 59 W
DRAINAGE AREA, 236 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 890	JUL	1 810
FEB	3 240	AUG	1 280
MAR	9 530	SEP	1 020
APR	8 180	OCT	1 740
MAY	6 300	NOV	4 270
JUN	7 000	DEC	1 720

TOTAL DISCHARGE, 50 800 dam³

ETOBICOKE CREEK AT BRAMPTON - STATION NO. 02HC017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.180	1.52	0.0428	0.428	0.131	0.736	0.056	0.078	0.177	0.068	0.212	0.1318	1
2	0.142	0.4978	0.0418	0.287	0.435	1.12	0.057	0.062	0.080	0.068	0.137	0.2008	2
3	0.118	0.4388	0.0408	1.41	0.184	0.754	0.108	0.058	0.080	0.061	0.082	0.0548	3
4	0.1158	0.1808	0.0548	2.88	0.184	1.02	0.103	1.81	0.075	0.061	0.061	0.0898	4
5	0.1088	0.1408	0.0748	1.88	0.418	0.724	0.123	0.288	0.123	0.130	0.050	0.0858	5
6	0.095	0.1208	0.0588	0.884	0.288	0.427	0.101	0.123	0.078	0.157	0.221	0.0798	6
7	0.1058	0.1088	0.0538	0.875	0.223	0.284	0.092	0.130	0.488	0.088	0.768	0.0788	7
8	2.87 B	0.0948	0.0518	0.800	0.178	0.248	0.074	0.108	0.077	0.083	0.182	0.0738	8
9	1.02	0.0888	0.0488	0.448	0.126	0.414	0.081	0.148	0.044	0.062	0.422	0.0728	9
10	0.7778	0.0818	0.0488	0.310	0.122	0.282	0.080	0.223	0.074	0.582	0.118	0.0898	10
11	0.418	0.0778	0.0448	0.241	0.551	0.199	0.074	0.150	0.078	0.182	0.150	0.0878	11
12	0.872	0.0738	0.0428	0.314	1.43	0.267	0.078	0.080	0.072	0.080	0.099	0.0858	12
13	0.3108	0.0808	0.0408	0.288	1.09	0.388	0.088	0.840	0.073	0.067	0.072	0.0848	13
14	0.2508	0.1348	0.0388	0.280	0.548	0.371	0.089	0.178	0.088	0.388	0.808	0.0828	14
15	0.1908	0.0908	5.83 B	0.849	0.307	0.383	0.077	0.388	0.087	0.114	2.73	0.0818	15
16	0.1808	0.0788	1.88	0.377	0.208	0.388	0.084	0.138	0.078	0.115	2.72	0.0808	16
17	0.1378	0.0708	0.583	0.352	0.150	0.841	0.082	0.107	0.088	0.201	0.884	0.0588	17
18	0.1218	0.0688	0.333	0.282	0.132	0.410	0.088	0.112	0.085	0.108	0.473	0.0568	18
19	0.1058	0.0628	0.215	0.208	0.108	0.570	0.082	0.090	0.104	0.321	0.238	0.0578	19
20	0.0898	0.0598	0.181	0.184	0.380	0.738	0.072	0.097	0.078	1.80	0.461	0.0568	20
21	0.0888	0.0568	0.204	0.164	0.128	0.525	0.068	0.100	0.088	0.205	0.318	0.0558	21
22	0.0818	0.0548	0.188	0.148	0.108	3.38	0.103	0.083	0.825	0.135	0.2708	0.0548	22
23	0.138	0.0528	0.368	0.133	0.140	0.810	0.083	0.085	0.322	0.088	0.158	0.0548	23
24	0.123	0.0518	0.749	0.113	0.188	0.345	0.084	0.073	0.085	0.075	0.128	0.0538	24
25	0.142	0.0498	5.48	0.120	0.187	0.189	0.187	0.080	0.078	0.070	0.105	0.0538	25
26	3.75 B	0.0478	8.42	0.102	0.358	0.152	0.158	0.091	0.072	0.057	0.102	0.0528	26
27	1.58	0.0458	2.78	0.100	0.141	0.187	0.388	0.063	0.072	0.051	0.285	0.0528	27
28	0.7848	0.0458	2.59	0.097	0.118	0.134	0.103	0.078	0.108	0.051	0.4368	0.0518	28
29	1.08		2.41	0.171	0.112	0.144	0.089	0.078	0.071	0.053	0.3878	0.0518	29
30	3.23		1.02	0.111	1.85	0.127	0.074	0.078	0.068	0.101	0.242	0.0508	30
31	1.28		0.838		1.01		0.081	0.080		0.417		0.3008	31
TOTAL	18.388	4.488	32.130	14.393	11.235	16.267	2.907	5.998	3.578	5.882	13.488	2.402	TOTAL
MEAN	0.625	0.159	1.04	0.480	0.382	0.543	0.094	0.193	0.119	0.189	0.450	0.077	MEAN
MAX	3.75	1.52	8.42	2.88	1.85	3.38	0.388	1.81	0.825	1.80	2.73	0.300	MAX
MIN	0.081	0.045	0.038	0.097	0.105	0.127	0.055	0.058	0.044	0.051	0.050	0.050	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.352
MAXIMUM DAILY, 8.42 ON MAR 26
MINIMUM DAILY, 0.0388 ON MAR 14
MAXIMUM INSTANTANEOUS,
16.7 AT 00:16 EST ON MAR 29

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 41 29 N
LONG 79 45 35 W
DRAINAGE AREA, 63.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 070	JUL	251
FEB	385	AUG	518
MAR	2 780	SEP	308
APR	1 240	OCT	806
MAY	871	NOV	1 170
JUN	1 410	DEC	208

TOTAL DISCHARGE, 11 600 dam³

ETOBICOKE CREEK BELOW QUEEN ELIZABETH HIGHWAY - STATION NO. 02HC030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.640B	3.43	0.425B	1.23	0.850	3.42	0.458	0.400	2.17	0.285	1.44	0.571B	1
2	0.580B	1.02	0.400B	0.884	2.78	20.6	0.380	0.405	0.940	0.548	0.441	0.680B	2
3	0.538B	0.940B	0.410B	5.37	1.26	2.26	0.385	0.404	0.348	0.402	0.515	0.600B	3
4	0.500B	0.840B	0.440B	7.33	0.852	8.05	0.437	5.35	0.291	0.289	0.370	0.540B	4
5	0.490B	0.780B	0.472B	3.88	1.80	1.74	0.448	2.83	0.288	0.257	0.380	0.888	5
6	0.480B	0.880B	0.420B	2.74	1.28	1.08	0.484	0.573	0.388	0.376	1.88	0.858	6
7	0.800B	0.840B	0.383B	2.70	1.88	1.08	0.458	0.421	0.973	0.372	8.62	0.483	7
8	7.38 B	0.800B	0.370B	1.83	1.74	1.12	0.408	0.537	0.788	0.276	3.12	0.404	8
9	3.58 B	0.670B	0.349B	1.57	0.748	1.08	0.397	0.403	0.413	0.283	3.31	0.380	9
10	1.38 B	0.545B	0.345B	1.38	0.884	1.73	0.426	0.583	0.304	3.48	0.857	0.386	10
11	1.10 B	0.525B	0.340B	1.18	1.83	0.803	0.435	0.587	0.300	2.24	0.878	0.345	11
12	1.40 B	0.500B	0.335E	1.08	11.5	0.558	0.378	0.560	0.305	0.485	0.738	0.3458	12
13	1.00 B	0.480B	0.330E	2.17	3.36	0.854	0.380	2.32	0.282	0.384	0.506	0.3388	13
14	0.900B	0.460B	0.320E	1.32	1.80	0.678	0.368	1.87	0.782	2.30	3.88	0.3328	14
15	0.700B	0.440B	0.500E	3.22	1.30	0.782	0.343	8.17	0.838	1.88	12.8	0.3288	15
16	0.580B	0.430B	10.0 E	1.45	0.971	1.20	0.348	2.28	0.488	1.84	18.8	0.3208	16
17	0.524	0.410B	3.50 E	1.17	0.830	2.25	0.334	0.548	0.548	3.88	3.12	0.3188	17
18	0.518B	0.400B	1.80 E	1.22	0.728	1.88	0.353	0.441	0.358	1.73	1.88	0.3128	18
19	0.510B	0.380B	1.00 E	0.834	0.638	1.08	0.340	0.411	0.281	2.97	1.15	0.3088	19
20	0.473B	0.360B	0.800E	0.780	1.48	5.28	0.717	0.836	0.318	18.8	1.85	0.3058	20
21	0.455B	2.12	0.680E	0.872	1.80	1.35	0.525	0.483	0.310	2.07	1.82	0.3008	21
22	0.480B	1.08	0.750E	0.588	0.537	9.63	0.470	0.412	4.86	1.01	0.9148	0.2958	22
23	0.520B	0.700B	0.800E	0.552	0.483	2.42	1.41	0.383	8.63	0.868	0.6708	0.2908	23
24	0.510B	0.640B	1.50 E	0.542	0.593	1.50	0.471	0.384	0.484	0.504	0.847	0.2868	24
25	0.508B	0.580B	5.00 E	0.549	0.538	1.27	1.26	0.328	0.378	0.432	0.880B	0.2858	25
26	10.1	0.540B	7.30 E	0.537	1.56	0.737	2.73	0.283	0.357	0.408	0.724	0.2808	26
27	3.58	0.500B	5.80 E	0.510	0.618	1.66	3.31	0.299	0.308	0.394	0.789	0.2768	27
28	1.28	0.480B	5.80 E	0.487	0.508	1.43	1.88	0.334	0.315	0.388	8.28	0.2748	28
29	1.02		4.00 E	1.08	0.488	0.538	0.511	0.352	0.357	0.338	1.24	0.2748	29
30	3.58		2.42 E	1.84	2.07	0.503	0.401	0.376	0.300	0.330	0.9508	0.2708	30
31	2.70		1.88		3.23		0.388	0.321		3.38		1.10 B	31
TOTAL	48.827	20.040	59.239	50.889	48.753	78.315	21.337	32.753	24.867	50.130	77.514	12.800	TOTAL
MEAN	1.81	0.716	1.91	1.69	1.50	2.54	0.888	1.06	0.828	1.62	2.58	0.403	MEAN
MAX	10.1	2.43	10.0	7.33	11.5	20.6	3.31	8.35	5.63	18.8	18.8	1.10	MAX
MIN	0.455	0.360	0.320	0.497	0.483	0.503	0.334	0.293	0.282	0.283	0.360	0.270	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.44
MAXIMUM DAILY, 20.6 ON JUN 2
MINIMUM DAILY, 0.283 ON OCT 5
MAXIMUM INSTANTANEOUS,
97.7 AT 05:50 EST ON JUN 2

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 38 02 N
LONG 79 31 24 W
DRAINAGE AREA, 204 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 310	JUL	1 640
FEB	1 730	AUG	2 830
MAR	5 120	SEP	2 150
APR	4 390	OCT	4 330
MAY	4 200	NOV	6 700
JUN	8 590	DEC	1 060

TOTAL DISCHARGE, 45 400 dam³

EYE RIVER NEAR COULSON LAKE NORTH OF ATIKOKAN - STATION NO. 05PB022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.108B	0.087B	0.054	0.095	1.72	0.127	0.873E	0.050	0.087	0.148	0.114	0.112B	1
2	0.105B	0.087B	0.053	0.089	1.50	0.120	1.28 E	0.048	0.078	0.187	0.118	0.110B	2
3	0.105B	0.086B	0.053	0.106	1.33	0.113	0.938E	0.083	0.087	0.277	0.106	0.108B	3
4	0.104B	0.084B	0.052	0.114	1.20	0.108	0.871E	0.091	0.084	0.332	0.102	0.107B	4
5	0.103B	0.083B	0.052	0.128	1.20	0.104	0.818E	0.136	0.141	0.341	0.102	0.106B	5
6	0.101B	0.082B	0.052	0.147	1.20	0.101	0.710E	0.154	0.218	0.341	0.103	0.103B	6
7	0.101B	0.081B	0.051	0.188A	1.18	0.108	0.663E	0.161	0.244	0.324	0.104	0.102B	7
8	0.100B	0.078B	0.051	0.181E	1.10	0.116	0.783E	0.157	0.217	0.281	0.112	0.100B	8
9	0.098B	0.078B	0.051	0.193E	1.07	0.138	0.840E	0.148	0.167	0.248	0.137	0.098B	9
10	0.098B	0.074B	0.051	0.206E	1.02	0.149	0.880E	0.134	0.119	0.234	0.183	0.096B	10
11	0.096B	0.072B	0.051	0.228A	0.888	0.139	0.483E	0.118	0.117	0.220	0.178	0.087B	11
12	0.096B	0.071B	0.050	0.241	0.762	0.138	0.384E	0.108	0.273	0.211	0.178	0.086B	12
13	0.097B	0.088B	0.050	0.250	0.645	0.233	0.313E	0.102	0.883	0.224	0.180	0.084B	13
14	0.097B	0.088B	0.050	0.260	0.528	0.434	0.260E	5.085	1.01	0.202	0.178	0.083B	14
15	0.096B	0.084B	0.048	0.280	0.445	0.530	0.210E	0.068	0.859	0.178	0.168	0.082B	15
16	0.096B	0.084B	0.047	0.305	0.370	0.483	0.177E	0.063	0.668	0.159	0.160	0.081B	16
17	0.095B	0.082B	0.046	0.416	0.307	0.381	0.153E	0.078	0.413	0.150	0.154	0.080B	17
18	0.094B	0.081B	0.045	0.552	0.266	0.292	0.127E	0.074	0.290	0.143	0.148	0.080B	18
19	0.094B	0.080B	0.044	0.788	0.243	0.238	0.104E	0.070	0.226	0.136	0.145	0.088B	19
20	0.092B	0.089B	0.044	0.927	0.231	0.193	0.082A	0.067	0.188	0.129	0.143	0.087B	20
21	0.091B	0.088B	0.044	1.01	0.220	0.185	0.078	5.061	0.184	0.122	0.141	0.088B	21
22	0.091B	0.086B	0.043	1.24	0.207	0.198	0.073	0.059	0.240	0.117	0.134	0.085B	22
23	0.090B	0.058	0.043	1.55	0.198	0.243	0.067	5.053	0.287	0.113	0.128	0.084B	23
24	0.090B	0.056	0.043	2.41	0.187	0.251	0.060	0.052	0.293	0.110	0.122	0.084B	24
25	0.089B	0.056	0.043	3.36	0.181	0.244	0.054	5.051	0.282	0.107	0.1268	0.083B	25
26	0.088B	0.056	0.043	4.36	0.182	0.284	0.051	0.052	0.225	0.095	0.1238	0.082B	26
27	0.088B	0.058	0.048	3.80	0.187	0.372	0.083	5.054	0.202	0.078	0.1218	0.082B	27
28	0.084B	0.056	0.064	3.00	0.187	0.418	0.050	0.058	0.184	0.086	0.1188	0.081B	28
29	0.088B		0.081	2.41	0.181	0.413	0.051	0.056	0.188	0.071	0.1168	0.081B	29
30	0.088B		0.083	2.02	0.143	0.524	0.050	0.072	0.181	0.086	0.1148	0.080B	30
31	0.088B		0.088		0.136		0.050	0.083		0.097		0.079B	31
TOTAL	2.881	1.827	1.636	35.851	19.139	7.384	10.784	2.680	8.247	5.534	4.038	2.888	TOTAL
MEAN	0.093	0.088	0.053	1.02	0.617	0.248	0.347	0.088	0.275	0.179	0.135	0.093	MEAN
MAX	0.108	0.087	0.088	4.36	1.72	0.530	1.28	5.161	1.01	0.341	0.180	0.112	MAX
MIN	0.088	0.056	0.043	0.095	0.136	0.101	0.050	0.048	0.087	0.086	0.102	0.079	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.259
MAXIMUM DAILY, 4.36 ON APR 26
MINIMUM DAILY, 0.043 ON MAR 22
MAXIMUM INSTANTANEOUS,
4.89 AT 15:10 CST ON APR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 03 40 N
LONG 91 40 03 W
DRAINAGE AREA, 44.5 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	258	JUL	930
FEB	188	AUG	232
MAR	141	SEP	713
APR	2 670	OCT	476
MAY	1 650	NOV	348
JUN	936	DEC	248

TOTAL DISCHARGE, 8 470 dam³

EYE RIVER NEAR HARDTACK LAKE NORTH OF ATIKOKAN - STATION NO. 05PB021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.088	0.075	0.038	0.072	1.48	0.058	0.880	0.031	0.047	0.087	0.052	0.087	1
2	0.088	0.074	0.038	0.083	1.27	0.052	0.872	0.018	0.047	0.241	0.043	0.085	2
3	0.088A	0.073	0.034	0.088	1.10	0.054	0.414	0.147	0.047	0.301	0.048	0.084	3
4	0.087E	0.072	0.033	0.118	0.958	0.050	0.297	0.141	0.055	0.278	0.048	0.082	4
5	0.086E	0.071	0.031	0.138	1.08	0.048	0.334	0.135	0.103E	0.274	0.054	0.081	5
6	0.085E	0.070	0.030	0.175	1.12	0.047	0.405	0.138	0.142E	0.283	0.054	0.080	6
7	0.084E	0.068	0.028	0.188A	0.985	0.085	0.440	0.108	0.187E	0.244	0.058	0.079	7
8	0.083E	0.067	0.027	0.181	0.835	0.087	0.330	0.093	0.137E	0.202	0.064	0.078	8
9	0.082E	0.066	0.026	0.232A	0.909	0.104	0.247	0.077	0.110E	0.177	0.121	0.077	9
10	0.084E	0.065	0.024	0.284A	0.771	0.087	0.190	0.082	0.078E	0.175	0.138	0.078	10
11	0.082	0.063	0.023	0.310A	0.618	0.068	0.148	0.080	0.077E	0.188	0.137	0.075	11
12	0.081	0.062	0.022	0.283A	0.487	0.081E	0.123	0.062	0.171E	0.193	0.135	0.073	12
13	0.081	0.061	0.022	0.261	0.368	0.158E	0.103	0.038	0.336E	0.138	0.138	0.071	13
14	0.080	0.060	0.021	0.261A	0.312	0.288E	0.083	0.040	0.508E	0.128	0.127	0.070	14
15	0.089	0.058	0.021	0.288	0.288	0.381A	0.084	0.033	0.426E	0.109	0.118	0.069	15
16	0.088	0.057	0.021	0.284A	0.214	0.280	0.037	0.027	0.338E	0.104	0.112	0.088	16
17	0.086	0.056	0.020	0.401	0.175	0.217	0.032A	0.024	0.263E	0.093	0.106	0.087	17
18	0.087	0.055	0.020	0.812	0.143	0.182	0.028A	0.020	0.208E	0.088	0.102	0.084	18
19	0.086	0.053	0.021	0.898A	0.138	0.129	0.028A	0.021	0.168E	0.082	0.102	0.081	19
20	0.085	0.052	0.021	0.815	0.148	0.088	0.019A	0.027	0.123E	0.079	0.101	0.089	20
21	0.084	0.051	0.023	0.888	0.131	0.078	0.018	0.028	0.118E	0.073	0.089	0.085	21
22	0.084	0.050	0.024	1.38	0.117	0.179	0.019	0.040	0.150E	0.070	0.088	0.082	22
23	0.083	0.048	0.026	1.86	0.118	0.201	0.020	0.040A	0.188E	0.087	0.087	0.080	23
24	0.083	0.046	0.028	2.48	0.109	0.153	0.018	0.041E	0.185E	0.062	0.088	0.048	24
25	0.082	0.045	0.032	3.48	0.112	0.148	0.017	0.043E	0.188E	0.055	0.094	0.048	25
26	0.081	0.043	0.035	3.86	0.088	0.280	0.018	0.044E	0.183E	0.054	0.083	0.045	26
27	0.080	0.042	0.040	2.92	0.083	0.336	0.034	0.045E	0.134A	0.050	0.092	0.044	27
28	0.079	0.040	0.045	2.35	0.078	0.315	0.028	0.046E	0.124	0.055	0.080	0.044	28
29	0.078		0.051	3.02	0.078	0.264	0.023	0.048E	0.108	0.057	0.088	0.6208	29
30	0.077		0.057	1.74	0.089	0.524	0.021	0.048	0.087	0.088	0.088	0.043	30
31	0.076		0.083		0.084		0.022	0.047		0.103		0.0438	31
TOTAL	2.731	1.643	0.844	38.877	14.508	4.928	4.897	1.718	4.926	4.185	2.808	1.989	TOTAL
MEAN	0.088	0.058	0.030	0.888	0.488	0.184	0.152	0.055	0.184	0.134	0.084	0.084	MEAN
MAX	0.089	0.075	0.083	3.88	1.48	0.524	0.880	0.147	0.508	0.301	0.138	0.087	MAX
MIN	0.076	0.040	0.020	0.072	0.084	0.048	0.017	0.018	0.047	0.050	0.043	0.043	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.203
MAXIMUM DAILY, 3.88 ON APR 26
MINIMUM DAILY, 0.017 ON JUL 25
MAXIMUM INSTANTANEOUS,
4.35 AT 03:41 CST ON APR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 55 30 N
LONG 91 33 44 W
DRAINAGE AREA, 31.9 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	235	JUL	408
FEB	142	AUG	148
MAR	81.8	SEP	426
APR	3 600	OCT	360
MAY	1 250	NOV	243
JUN	426	DEC	173

TOTAL DISCHARGE, 6 380 dam³

FAIRCHILD CREEK NEAR BRANTFORD - STATION NO. 02CB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.808	7.63	0.7808	11.8	0.821	1.58	0.884	0.263	0.422	0.308	0.484	3.70 B	1
2	3.308	6.89	0.7658	8.78	1.05	4.83	0.648	0.242	0.880	0.298	0.470	3.20 B	2
3	2.408	5.87	0.7608	9.41	1.28	5.05	0.478	0.233	0.365	0.283	0.453	2.80 B	3
4	2.008	2.80 B	0.7708	11.8	1.19	4.16	0.635	0.236	0.318	0.268	0.438	1.70 B	4
5	1.708	1.85 B	0.8408	12.4	1.12	3.08	0.572	0.324	0.304	0.278	0.498	1.80 B	5
6	1.528	1.60 B	0.8258	10.8	1.09	2.22	0.428	0.232	0.304	0.260	0.828	1.24 B	6
7	1.418	1.36 B	0.8608	9.12	1.07	1.81	0.383	0.232	0.338	0.278	1.07	1.00 B	7
8	2.208	1.07 B	0.8308	7.65	1.36	1.34	0.363	0.242	0.318	0.284	1.88	0.9208	8
9	5.848	1.00 B	0.8458	6.03	1.28	1.37	0.336	0.255	0.335	0.260	2.44	0.8008	9
10	4.908	0.9408	1.00 B	4.89	1.15	1.15	0.326	0.287	0.317	0.288	2.84	0.7808	10
11	3.608	0.9008	1.80 B	3.73	1.08	1.58	0.319	0.281	0.312	0.808	2.38	0.7108	11
12	3.358	0.8808	4.00 B	3.09	2.22	1.80	0.307	0.258	0.314	0.384	1.88	0.6808	12
13	2.708	0.8588	3.70 B	3.37	2.52	1.62	0.306	0.258	0.314	0.388	1.68	0.6208	13
14	2.258	0.8008	3.40 B	3.24	2.87	1.05	0.282	0.284	0.313	0.318	1.80	0.6008	14
15	1.908	1.05 B	4.34 B	3.88	2.81	0.828	0.287	0.288	0.432	0.291	4.88	0.6008	15
16	1.708	1.28 B	5.00 B	3.85	2.40	0.823	0.280	0.427	0.382	0.303	8.38	0.5878	16
17	1.558	1.18 B	4.80 B	3.52	1.78	0.742	0.278	0.488	0.380	0.818	8.48	0.5858	17
18	1.458	1.02 B	4.00 B	4.80	1.38	0.838	0.273	0.488	0.381	0.747	7.88	0.5808	18
19	1.408	0.9408	4.70 B	3.98	1.10	0.808	0.270	0.435	0.338	0.888	8.38	0.5858	19
20	1.348	0.8108	5.80 B	3.08	0.882	0.887	0.318	0.363	0.328	0.844	8.22	0.5808	20
21	1.308	0.8208	4.80 B	2.34	1.08	0.828	0.316	0.334	0.318	1.33	4.88	0.5788	21
22	1.288	0.8808	4.00 B	1.88	1.00	2.48	0.271	0.323	0.358	1.88	3.77	0.5708	22
23	1.278	0.8008	4.80 B	1.53	0.898	5.09	0.281	0.310	2.33	1.28	3.20 B	0.5878	23
24	1.288	0.8508	5.10 B	1.29	0.815	5.74	0.262	0.308	0.847	1.13	2.80 B	0.5838	24
25	1.358	0.8208	10.1 B	1.18	0.742	5.87	0.248	0.301	0.450	1.08	2.00 B	0.5808	25
26	2.208	0.7808	14.8	1.17	1.12	7.38	0.253	0.283	0.403	0.818	1.87	0.5808	26
27	3.908	0.7708	14.2	1.14	0.838	3.90	0.322	0.268	0.387	0.734	1.77	0.5808	27
28	4.158	0.7808	13.0	1.04	0.753	2.00	0.291	0.283	0.374	0.802	2.80	0.5808	28
29	4.22		11.8	0.930	0.688	1.25	0.269	0.290	0.348	0.525	4.30	0.5808	29
30	5.48		15.7	0.843	0.788	0.883	0.258	0.295	0.325	0.472	4.14	0.5808	30
31	7.14		14.2		1.26		0.262	0.290		0.448		0.5808	31
TOTAL	84.80	48.108	185.808	142.782	40.843	78.857	10.871	9.284	13.080	17.883	80.178	38.202	TOTAL
MEAN	2.74	1.81	5.34	4.78	1.32	2.68	0.344	0.300	0.438	0.880	3.01	0.974	MEAN
MAX	7.14	7.63	15.7	12.4	2.87	8.87	0.884	0.488	2.33	1.55	8.48	3.70	MAX
MIN	1.27	0.780	0.765	0.843	0.688	0.743	0.248	0.232	0.304	0.278	0.484	0.580	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.88
MAXIMUM DAILY, 15.7 ON MAR 30
MINIMUM DAILY, 0.232 ON AUG 6
MAXIMUM INSTANTANEOUS,
16.0 AT 17:07 EST ON MAR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 08 48 N
LONG 80 09 18 W
DRAINAGE AREA, 380 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 340	JUL	832
FEB	3 900	AUG	803
MAR	14 300	SEP	1 130
APR	12 300	OCT	1 580
MAY	3 830	NOV	7 780
JUN	8 820	DEC	2 810

TOTAL DISCHARGE, 83 800 dam³

FALL RIVER NEAR FALLBROOK - STATION NO. 02XF014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.36	2.06	1.48	9.36	4.40	3.93	1.53	0.227	0.088E	0.028E	0.028E	2.50	1
2	2.39	2.03	1.48	9.48	4.38	3.71	1.40	0.250	0.083E	0.024E	0.028A	2.47	2
3	2.34	2.06	1.41	9.33	5.10	3.76	1.30	0.263	0.081E	0.022E	0.028E	2.55	3
4	2.32	2.03	1.48	9.78	5.11	3.86	1.16	0.288	0.088E	0.020E	0.028E	2.51	4
5	2.27	1.98	1.50	10.5	4.78	3.46	1.09	0.302	0.085E	0.020E	0.027E	2.48	5
6	2.19	1.89	1.48	10.7	4.80	3.37	1.07	0.233	0.082E	0.020E	0.028E	2.42	6
7	2.14	1.81	1.41	10.8	5.52	2.84	0.817	0.188	0.080E	0.020E	0.028E	2.40	7
8	2.33	1.82	1.34	10.8	6.51	2.69	0.788	0.184	0.077E	0.020E	0.028E	2.35	8
9	2.30	1.85	1.35	10.5	6.69	2.42	0.887	0.186	0.078E	0.020E	0.030E	2.29	9
10	2.28	1.82	1.37	10.0	6.19	3.28	1.01	0.184	0.073E	0.020E	0.030A	2.28	10
11	2.20	1.75	1.36	9.54	6.27	3.35	0.861	0.148	0.070E	0.020E	0.088A	2.20	11
12	2.20	1.71	1.37	9.20	7.42	3.08	0.857	0.144	0.088E	0.020E	0.088E	2.18	12
13	2.18	1.70	1.36	8.86	7.85	2.73	0.787	0.144	0.085E	0.020E	0.050E	2.16	13
14	2.16	1.74	1.36	8.71	7.86	2.66	0.871	0.144	0.063A	0.020E	0.100A	2.14	14
15	2.18	1.72	1.57	8.48	7.85	2.69	0.837	0.144	0.081E	0.020E	0.282	2.07	15
16	2.12	1.69	1.91	8.17	7.81	2.35	0.818	0.136	0.088E	0.020E	1.26	2.05	16
17	2.16	1.83	2.06	8.10	7.55	2.82	0.675	0.133	0.087E	0.020E	1.38	1.87	17
18	2.13	1.89	2.37	7.98	7.52	2.66	0.633	0.128	0.084E	0.020E	0.881	1.88	18
19	2.22	1.88	2.36	7.49	7.31	2.63	0.611	0.126	0.082E	0.020E	1.31	1.87	19
20	2.24	1.88	2.29	7.18	6.97	3.40	0.321	0.131	0.080E	0.020E	1.41	1.89	20
21	2.32	1.82	2.26	6.83	7.21	2.41	0.318	0.130	0.048E	0.021E	1.47	1.81	21
22	2.23	1.73	2.26	6.22	6.15	2.41	0.322	0.122	0.048E	0.021E	1.88	1.78	22
23	2.12	1.72	2.14	6.03	5.80	2.33	0.308	0.120	0.044E	0.021E	1.78	1.73	23
24	2.07	1.84	2.10	5.85	5.27	2.19	0.331	0.115	0.041E	0.022E	1.80	1.70	24
25	2.08	1.84	2.19	5.48	5.19	2.16	0.296	0.114	0.039E	0.022E	1.89	1.86	25
26	2.15	1.89	2.36	5.21	5.00	2.16	0.265	0.112	0.037E	0.023E	2.12	1.87	26
27	2.10	1.83	2.87	4.96	4.61	2.26	0.336	0.111	0.038E	0.023E	2.26	1.88	27
28	2.13	1.81	4.83	4.66	4.58	1.74	0.302	0.107E	0.032E	0.023E	2.48	1.82	28
29	2.01		7.06	4.46	4.80	1.59	0.269	0.105E	0.030E	0.024E	2.55	1.82	29
30	2.03		8.57	4.57	4.12	1.55	0.257	0.102E	0.028E	0.024E	2.56	1.88	30
31	2.08		9.16		3.91		0.232	0.098E		0.024E		1.81	31
TOTAL	68.02	49.24	77.81	238.80	184.53	81.19	20.705	4.718	1.819	0.859	37.647	63.09	TOTAL
MEAN	2.19	1.76	2.50	7.96	5.95	2.71	0.668	0.152	0.061	0.021	0.822	2.03	MEAN
MAX	2.36	2.06	9.16	10.8	7.96	3.93	1.53	0.268	0.088	0.028	2.56	2.55	MAX
MIN	2.01	1.61	1.28	4.46	3.91	1.55	0.232	0.088	0.028	0.020	0.028	1.55	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.24
MAXIMUM DAILY, 10.8 ON APR 7
MINIMUM DAILY, 0.020E ON OCT 4
MAXIMUM INSTANTANEOUS,
11.1 AT 15:30 EST ON APR 8

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 57 01 N
LONG 76 24 11 W
DRAINAGE AREA, 277 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 580	JUL	1 790
FEB	4 260	AUG	408
MAR	6 710	SEP	157
APR	20 600	OCT	58.9
MAY	15 900	NOV	2 390
JUN	7 010	DEC	5 450

TOTAL DISCHARGE, 70 600 dam³

FAREWELL CREEK AT OSHAWA - STATION NO. 02HD014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4458	0.4188	0.1828	0.711	0.478	0.884	0.151	0.036	0.872	0.107	0.444	0.7208	1
2	0.4208	0.3908	0.1798	0.883	4.01	0.888	0.118	0.048	0.181	0.483	0.735	0.8908	2
3	0.4008	0.3708	0.1778	1.35	1.02	0.768	0.098	0.048	0.114	0.237	0.509	0.7708	3
4	0.3858	0.3568	0.1768	3.32	0.952	0.688	0.118	0.088	0.077	0.232	0.483	0.7008	4
5	0.3808	0.3408	0.1738	2.88	0.777	0.470	0.111	0.180	0.077	0.188	0.382	0.6788	5
6	0.6008	0.3258	0.1718	1.24	2.80	0.347	0.116	0.089	0.073	0.204	0.581	0.8008	6
7	1.18 B	0.3158	0.1708	1.04	1.78	0.282	0.073	0.081	0.777	0.186	0.907	0.7008	7
8	2.00 B	0.3058	0.1888	0.934	3.24	0.347	0.088	0.055	0.089	0.186	1.28	0.6208	8
9	1.20 B	0.2958	0.1868	0.883	1.23	0.338	0.085	0.062	0.114	0.204	1.28	0.5708	9
10	0.7608	0.2908	0.1878	0.848	0.738	0.293	0.087	0.077	0.107	0.335	0.907	0.8608	10
11	0.6108	0.2858	0.1868	0.818	0.573	0.288	0.080	0.088	0.084	0.103	0.818	0.3708	11
12	0.5008	0.2768	0.1858	0.648	3.19	0.222	0.087	0.082	0.077	0.163	0.777	0.1348	12
13	0.7008	0.2738	0.5508	0.883	2.88	0.195	0.073	0.055	0.073	0.335	0.581	0.1208	13
14	0.6008	0.4808	1.00 B	1.18	1.03	0.181	0.069	0.077	0.068	0.324	1.09	0.1108	14
15	0.5258	0.6408	2.12 B	1.04	0.854	0.195	0.069	0.049	0.126	0.388	3.38	0.1038	15
16	0.4858	0.3408	1.00 B	0.883	0.581	0.172	0.088	0.130	0.088	0.478	3.88	0.0878	16
17	0.4708	0.2858	0.8008	0.888	0.457	0.407	0.082	0.077	0.128	0.545	3.02	0.0838	17
18	0.4508	0.2608	0.4008	0.883	0.407	0.407	0.088	0.042	0.111	0.588	1.81	0.0888	18
19	0.4388	0.2458	0.3758	0.764	0.378	0.347	0.048	0.042	0.102	0.588	0.825	0.0888	19
20	0.4308	0.2328	0.3608	0.618	0.407	0.943	0.088	0.082	0.077	1.41	2.84	0.0838	20
21	0.8008	0.2248	0.3408	0.589	0.413	1.81	0.088	0.114	0.073	1.10	3.17	0.0808	21
22	0.8608	0.2138	0.3808	0.727	0.457	0.943	0.073	0.080	0.088	0.880	1.40 B	0.0788	22
23	0.5708	0.2088	0.4608	0.382	0.347	0.785	0.082	0.073	1.02	0.588	1.10 B	0.0788	23
24	0.5408	0.2028	0.5508	0.413	0.324	0.502	0.036	0.088	0.530	0.588	0.8608	0.0748	24
25	0.5188	0.1988	0.7008	0.478	0.288	0.347	0.003	0.058	0.287	0.478	0.782	0.0728	25
26	3.30 B	0.1958	2.70 B	0.400	0.347	0.282	0.042	0.038	0.237	0.444	0.672	0.0708	26
27	1.85 B	0.1908	1.80 B	0.407	0.282	0.242	0.084	0.052	0.208	0.431	0.735	0.0888	27
28	1.00 B	0.1888	1.55 B	0.382	0.347	0.195	0.122	0.052	0.208	0.382	1.28	0.0878	28
29	0.8008		1.47 B	0.341	0.242	0.181	0.077	0.062	0.188	0.382	1.08 B	0.0888	29
30	0.6108		1.62	1.32	0.335	0.181	0.077	0.059	0.181	0.382	0.8608	0.0858	30
31	0.4808		1.04		0.811		0.082	0.039		0.313		0.1208	31
TOTAL	33.950	8.316	20.777	27.738	30.578	14.335	2.432	2.170	8.429	12.883	37.778	9.526	TOTAL
MEAN	0.740	0.287	0.670	0.925	0.888	0.478	0.078	0.070	0.214	0.419	1.28	0.307	MEAN
MAX	3.30	0.640	2.70	3.32	4.01	1.81	0.181	0.180	1.02	1.41	3.88	0.800	MAX
MIN	0.380	0.188	0.188	0.341	0.242	0.181	0.003	0.038	0.068	0.103	0.382	0.085	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.537
MAXIMUM DAILY, 4.01 ON MAY 3
MINIMUM DAILY, 0.003 ON JUL 25

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 43 53 18 N
LONG 78 48 15 W
DRAINAGE AREA, 58.6 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 980	JUL	210
FEB	716	AUG	187
MAR	1 800	SEP	585
APR	2 400	OCT	1 120
MAY	2 840	NOV	3 280
JUN	1 230	DEC	823

TOTAL DISCHARGE, 18 900 dam³

FAWN RIVER BELOW BIG TROUT LAKE - STATION NO. 04CE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.0B	17.6B	17.0B	17.0B	18.4E	30.8	33.7	28.9	24.8	31.8	28.9	24.3	1
2	18.0B	17.6B	17.0B	17.0B	18.8E	31.3	34.3	28.4	24.1	24.2	24.7	24.2	2
3	18.0B	17.5B	17.0B	17.0B	20.0E	31.3	34.5	28.1	23.8	26.0	24.4	24.2	3
4	18.0B	17.5B	17.0B	17.0B	20.2E	32.1	33.8	28.7	23.3	24.4	23.4	24.0	4
5	18.7B	17.5B	17.0B	17.0B	20.4E	32.4	33.8	28.1	24.8	23.3	24.1	24.1	5
6	18.8B	17.5B	17.0B	17.0B	20.7E	32.8	34.0	28.7	23.9	25.3	25.1	24.4	6
7	18.8B	17.5B	17.0B	17.0B	21.0E	32.4	33.8	27.3	23.3	24.8	24.8	24.4	7
8	18.8B	17.5B	17.0B	17.0B	21.3E	32.7	33.0	26.8	24.9	23.9	24.7	24.0	8
9	18.8B	17.4B	17.0B	17.0B	21.8E	33.0	33.7	26.8	23.6	24.1	25.2	23.8	9
10	18.8B	17.4B	17.0B	17.0B	21.8E	33.2	34.6	28.4	22.6	24.1	25.8	23.4	10
11	18.4B	17.4B	17.0B	17.0B	22.2E	32.4	33.8	25.8	23.3	24.3	28.4	23.3	11
12	18.4B	17.3B	17.0B	17.0B	22.6E	31.2	33.3	25.8	23.7	28.0	27.3	23.1	12
13	18.4B	17.3B	17.0B	17.0B	22.9E	32.2	31.9	25.0	24.0	25.5	25.3	22.9	13
14	18.3B	17.2B	17.0B	17.0B	23.2E	33.1	32.5	25.4	23.8	23.9	25.1	22.9	14
15	18.3B	17.2B	17.0B	17.0B	23.4E	33.5	32.1	26.2	23.0	23.4	25.0	22.8	15
16	18.2B	17.1B	17.0B	17.2E	23.8E	33.3	31.9	24.8	23.4	23.9	24.9	22.8	16
17	18.1B	17.1B	17.0B	17.3E	24.3E	33.4	31.9	24.7	22.4	24.5	25.0	22.8	17
18	18.1B	17.1B	17.0B	17.4E	24.8E	33.1	31.4	24.8	22.7	25.5	24.8	22.9	18
19	18.1B	17.1B	17.0B	17.5E	25.0E	33.5	31.8	24.0	23.0	28.1	24.8	22.8	19
20	18.1B	17.1B	17.0B	17.8E	25.3E	33.3	30.9	24.9	23.8	24.5	24.6	22.8	20
21	18.0B	17.1B	17.0B	17.7E	25.7E	33.3	31.1	25.8	23.8	23.8	24.8	22.9	21
22	18.0B	17.1B	17.0B	17.6E	26.2E	33.7	30.8	25.5	25.6	24.0	24.8	22.9	22
23	18.0B	17.1B	17.0B	17.9E	26.6E	34.2	31.4	24.8	24.7	24.3	24.9	22.7	23
24	18.0B	17.1B	17.0B	18.1E	27.1E	34.1	31.4	23.8	24.0	24.4	24.4	22.8	24
25	17.9B	17.1B	17.0B	18.2E	27.6E	33.8	30.2	24.2	24.3	24.3	24.4	22.9	25
26	17.9B	17.1B	17.0B	18.4E	28.0E	32.1	30.9	24.8	24.0	24.4	24.8	22.8	26
27	17.8B	17.1B	17.0B	18.6E	28.4E	32.2	30.4	25.4	23.7	23.0	24.8	23.9	27
28	17.8B	17.0B	17.0B	18.7E	28.8E	33.3	30.5	25.1	24.5	25.8	24.8	22.8	28
29	17.8B		17.0B	18.8E	28.4E	33.5	29.5	24.5	24.8	27.4	24.3	22.8	29
30	17.7B		17.0B	18.8E	28.8A	34.1	28.5	24.8	23.1	25.8	24.2	22.8	30
31	17.7B		17.0B	19.0E	29.3		28.8	24.9		24.8		23.0	31
TOTAL	568.1	483.6	527.0	535.3	781.8	985.1	1 000.3	783.8	712.1	783.7	745.4	721.2	TOTAL
MEAN	18.3	17.3	17.0	17.8	25.2	32.8	32.3	25.3	23.7	24.8	24.8	23.3	MEAN
MAX	18.8	17.6	17.0	19.0	30.3	34.3	34.5	28.9	25.6	28.0	27.3	24.4	MAX
MIN	17.7	17.0	17.0	17.0	18.4	30.9	28.5	23.8	22.1	21.8	23.4	22.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.5
MAXIMUM DAILY, 35.8 ON JUL 7
MINIMUM DAILY, 17.08 ON FEB 26
MAXIMUM INSTANTANEOUS,
35.3 AT 15:50 EST ON JUL 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 46 00 N
LONG 89 33 00 W
DRAINAGE AREA, 4 350 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	46 900	JUL	86 400
FEB	41 800	AUG	86 500
MAR	45 500	SEP	61 800
APR	45 400	OCT	66 000
MAY	84 900	NOV	64 400
JUN	85 100	DEC	63 300

TOTAL DISCHARGE, 741 000 dam³

FIFTH CONCESSION DRAIN NEAR ESSEX (TEST) - STATION NO. 02GH013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.004	0.001B	0.038	0.003	0.375	0.002	0	0.001	0	0.001	0.001	1
2	---	0.022	0 B	0.030	0.003	0.470	0.002	0	0.001	0	0	0.001	2
3	---	0.009	0	0.448	0.003	0.328	0.002	0	0	0	0	0.001B	3
4	---	0.004	0.001	0.314	0.002	0.178	0.001	0	0	0	0	0.001B	4
5	---	0.003B	0.005	0.137	0.003	0.043	0.001	0.001	0	0	0	0.001	5
6	---	0.002	0.003B	0.084	0.003	0.033	0.001	0.001	0	0	0	0.001	6
7	---	0.001	0	0.044	0.002	0.013	0	0	0.001	0	0.001	0	7
8	---	0.0018	0	0.034	0.001	0.009	0	0	0.003	0	0.001	0	8
9	---	0.001B	0.001	0.023	0.001	0.007	0	0	0.001	0	0.001	0	9
10	0.018A	0.001B	0.001	0.014	0.001	0.005	0	0	0.005	0.001	0.003	0	10
11	0.008	0.001B	0.004	0.013	0.001	0.002	0	0	0.002	0.001	0.001	0	11
12	0.017	0.001B	0.005	0.014	0.001	0.002	0	0	0.001	0	0.001	0 B	12
13	0.008	0.003B	0.003	0.028	0.002	0.006	0	0	0.001	0	0.001	0	13
14	0.004	0.003	0.002	0.028	0.001	0.002	0	0	0.001	0	0.001	0	14
15	0.005	0.005	0.005	0.040	0.001	0.004	0	0	0.002	0	0.033	0	15
16	0.003	0.003B	0.002	0.033	0.001	0.081	0	0	0.007	0	0.080	0	16
17	0.003	0.002B	0.001	0.132	0.001	0.032	0	0	0.038	0	0.018	0	17
18	0.005	0.002B	0.040	0.192	0	0.040	0	0	0.008	0	0.005	0	18
19	0.007	0.001B	0.026	0.088	0	0.783	0.020	0	0.002	0.003	0.003	0	19
20	0.007	0.001	0.021	0.041	0.002	0.402	0.805	0	0.001	0.008	0.003	0	20
21	0.002B	0.004	0.020	0.033	0.002	0.080	0.087	0	0.001	0.005	0.002	0	21
22	0.002	0.003B	0.022	0.027	0.001	0.034	0.024	0	0.001	0.002	0.001	0	22
23	0.002	0.002B	0.021	0.018	0.001	0.015	0.015	0	0.001	0.001	0.001	0	23
24	0.002	0.001B	0.020	0.018	0.001	0.011	0.012	0	0.001	0.001	0.001	0	24
25	0.002	0.001B	0.022	0.018	0.028	0.007	0.003	0	0	0.001	0.001	0	25
26	0.055	0.001	0.017	0.013	0.312	0.012	0.002	0	0	0.001	0.001	0	26
27	0.037	0.001	0.018	0.010	0.045	0.045	0.001	0	0	0.001	0.001	0 B	27
28	0.030	0.001	0.114	0.008	0.020	0.018	0.001	0	0	0.001	0.003	0 B	28
29	0.073		0.288	0.007	0.013	0.008	0.001	0	0	0	0.002	0 B	29
30	0.144		0.084	0.008	0.055	0.003	0	0	0	0	0.001	0 B	30
31	0.091		0.087		0.875		0	0		0.001		0.0038	31
TOTAL	---	0.143	0.788	1.878	1.486	2.973	0.881	0.002	0.087	0.027	0.184	0.008	TOTAL
MEAN	---	0.008	0.035	0.083	0.048	0.088	0.033	0	0.002	0.001	0.005	0	MEAN
MAX	---	0.084	0.288	0.448	0.875	0.783	0.805	0.001	0.038	0.008	0.080	0.002	MAX
MIN	---	0.001	0	0.005	0	0.002	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.875 ON MAY 31
MINIMUM DAILY, 0B ON MAR 2
MAXIMUM INSTANTANEOUS,
3.88 AT 18:45 EST ON JUN 19

REMARKS - STATION ACTIVATED JANUARY 1988

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 13 18 N
LONG 83 47 12 W
DRAINAGE AREA, 3.90 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	84.8
FEB	13.4	AUG	0.17
MAR	66.4	SEP	5.79
APR	162	OCT	3.33
MAY	138	NOV	14.2
JUN	357	DEC	0.88

FISH CREEK NEAR PROSPECT HILL - STATION NO. 02GD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.95	5.67	0.326	3.48	0.698	1.69	0.183	0.026	0.013	0.022	0.061	1.44	1
2	1.68	3.87	0.267	2.77	0.882	3.53	0.171	0.025	0.018	0.023	0.068	1.26	2
3	1.39	2.48	0.262	4.34	0.838	2.33	0.148	0.022	0.013	0.021	0.088	1.05	3
4	1.12	1.78	0.272	7.78	0.674	1.38	0.144	0.021	0.010	0.018	0.062	0.885	4
5	1.08	1.47	0.521	8.05	0.891	1.08	0.135	0.020	0.009	0.022	0.095	0.841	5
6	1.00	1.21	0.588	5.21	0.820	0.885	0.134	0.019	0.009	0.022	0.120	0.723	6
7	0.957	1.06	0.494	3.88	0.682	0.702	0.107	0.019	0.011	0.025	0.180	0.884	7
8	7.77	0.848	0.407	2.88	0.676	0.882	0.203	0.018	0.012	0.025	0.462	0.573	8
9	5.02	0.6778	0.398	2.41	0.550	0.804	0.080	0.020	0.013	0.040	0.517	0.542	9
10	3.37	0.637	0.894	2.02	0.532	0.673	0.078	0.022	0.031	0.128	0.412	0.580	10
11	2.12	0.595	1.90	1.90	0.523	0.388	0.071	0.021	0.026	0.398	0.328	0.504	11
12	1.97	0.589	3.53	2.26	0.510	0.349	0.088	0.021	0.017	0.223	0.263	0.453	12
13	2.08	0.581	2.47	3.02	0.516	0.321	0.109	0.018	0.015	0.185	0.233	0.426	13
14	1.41	0.596	2.03	5.85	0.502	0.316	0.059	0.018	0.015	0.111	0.223	0.406	14
15	1.41	0.764	7.31	8.50	0.483	0.306	0.048	0.017	0.014	0.088	4.88	0.390	15
16	1.13	0.706	3.65	5.46	0.440	0.284	0.041	0.028	0.062	0.072	10.5	0.378	16
17	0.997	0.602	2.26	3.82	0.421	0.294	0.040	0.022	0.018	0.088	5.78	0.352	17
18	0.948	0.587	4.67	3.58	0.395	0.321	0.038	0.018	0.012	0.085	2.84	0.322	18
19	1.21	0.543	4.18	2.88	0.379	0.313	0.038	0.018	0.008	0.087	1.83	0.322	19
20	1.04	0.541	3.23	2.26	0.382	0.326	0.047	0.012	0.008	0.084	2.61	0.323	20
21	0.763	0.535	2.26	1.81	0.423	1.10	0.062	0.013	0.007	0.082	2.85	0.310	21
22	0.761	0.505	1.88	1.50	0.382	0.829	0.060	0.013	0.011	0.080	1.88	0.287	22
23	0.812	0.3898	2.26	1.27	0.358	0.586	0.101	0.013	0.505	0.095	1.41	0.270	23
24	0.838	0.378	5.11	1.14	0.351	0.472	0.057	0.014	0.217	0.117	1.15	0.285	24
25	1.00	0.380	8.60	1.04	0.348	0.389	0.045	0.011	0.125	0.114	0.982	0.270	25
26	3.80	0.381	7.78	0.886	0.486	0.341	0.044	0.010	0.081	0.100	0.883	0.285	26
27	3.29	0.381	8.57	0.808	0.877	0.303	0.048	0.011	0.038	0.082	2.37	0.241	27
28	1.86	0.340	8.87	0.823	0.461	0.283	0.051	0.011	0.026	0.078	4.89	0.284	28
29	2.27		14.8	0.777	0.380	0.224	0.034	0.014	0.023	0.056	2.72	0.288	29
30	4.87		7.94	0.767	0.646	0.203	0.027	0.018	0.021	0.058	1.83	0.297	30
31	4.36		4.82		0.885		0.026	0.013		0.058		0.529	31
TOTAL	85.512	29.099	110.188	92.354	15.776	21.199	2.524	0.536	1.387	2.570	52.393	15.880	TOTAL
MEAN	2.11	1.04	3.55	3.08	0.509	0.707	0.081	0.017	0.046	0.083	1.75	0.506	MEAN
MAX	7.77	5.67	14.8	8.50	0.885	3.53	0.203	0.028	0.505	0.398	10.5	1.44	MAX
MIN	0.763	0.340	0.262	0.767	0.348	0.203	0.026	0.010	0.008	0.018	0.061	0.241	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.12
MAXIMUM DAILY, 14.8 ON MAR 28
MINIMUM DAILY, 0.008 ON SEP 30
MAXIMUM INSTANTANEOUS,
17.1 AT 05:30 EST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 13 14 N
LONG 81 14 14 W
DRAINAGE AREA, 150 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 680	JUL	218
FEB	2 510	AUG	46.5
MAR	9 520	SEP	118
APR	7 980	OCT	222
MAY	1 360	NOV	4 530
JUN	1 830	DEC	1 360

TOTAL DISCHARGE, 35 300 dam³

FREDERICK HOUSE RIVER AT FREDERICK HOUSE LAKE DAM - STATION NO. 04MD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	52.0	45.4	32.6	15.9	0	115	24.0	37.3	8.40	7.40	7.80	12.8	1
2	51.9	45.0	31.8	16.6	0	114	24.0	36.7	8.70	7.10	6.80	12.8	2
3	51.7	44.9	29.8	17.4	0	80.3	26.1	21.8	8.80	8.80	5.90	12.8	3
4	51.5	44.5	27.9	---	0	80.3	23.5	10.0	8.80	8.30	7.40	12.6	4
5	51.3	44.3	25.7	---	0	77.7	25.1	9.10	10.0	8.80	8.10	12.6	5
6	51.1	44.0	23.2	18.3	0	78.5	25.1	8.40	8.40	8.50	8.40	12.8	6
7	50.8	43.8	20.8	19.6	0	33.0	21.8	8.20	8.40	8.10	8.40	12.8	7
8	50.6	43.5	19.1	20.3	0	34.2	24.8	10.0	8.90	8.80	8.80	12.2	8
9	50.8	43.2	18.0	20.7	22.6	34.2	24.8	10.0	8.40	8.80	8.80	12.2	9
10	50.4	42.9	17.4	21.3	80.3	36.2	25.1	10.8	8.20	8.50	9.40	12.8	10
11	50.1	42.6	---	21.5	83.7	39.5	28.0	10.8	8.00	8.10	9.40	12.2	11
12	49.9	42.4	---	22.0	87.2	40.9	28.8	10.0	7.80	8.00	9.70	16.3	12
13	49.7	42.0	---	22.2	70.8	41.8	28.9	10.8	7.40	8.10	10.0	23.3	13
14	49.7	41.7	---	22.2	75.1	40.8	28.2	10.8	7.80	8.10	10.2	23.0	14
15	49.4	41.4	---	22.4	76.7	43.8	31.7	10.0	7.80	8.70	10.8	32.9	15
16	49.0	40.8	---	22.4	80.2	44.3	33.0	10.8	7.80	8.80	10.8	38.3	16
17	48.8	40.5	---	23.0	83.8	45.0	33.0	10.0	7.80	8.10	12.2	36.6	17
18	48.6	40.1	---	24.0	86.2	47.8	34.8	10.8	8.90	8.30	12.2	36.3	18
19	48.4	39.8	---	25.2	88.6	48.3	31.7	10.8	7.80	8.80	12.2	37.4	19
20	48.2	39.3	---	26.3	89.2	49.3	38.3	11.2	7.80	8.10	12.8	37.1	20
21	47.9	38.8	13.7	27.8	90.0	50.8	40.1	11.2	8.90	8.70	12.8	36.4	21
22	47.8	38.3	---	28.0	83.1	50.8	49.3	10.0	7.10	8.70	12.8	36.8	22
23	47.6	37.8	---	30.3	108	50.1	48.7	10.8	8.90	8.70	12.8	36.8	23
24	47.3	37.1	---	31.7	161	50.8	48.8	10.0	8.30	8.70	12.8	36.4	24
25	47.0	36.4	---	22.3	275	47.1	45.8	9.70	7.80	8.70	12.8	34.8	25
26	46.8	35.8	---	0	271	49.3	44.4	10.0	8.50	7.10	13.3	34.4	26
27	46.7	35.0	---	0	268	49.3	42.8	10.0	8.50	7.10	12.8	33.8	27
28	46.5	33.7	---	0	260	35.1	38.4	10.3	7.80	7.40	12.8	33.7	28
29	46.2		---	0	202	21.8	38.8	10.0	8.30	7.10	12.8	33.3	29
30	45.8		---	0	117	23.8	39.0	10.0	8.30	7.80	13.3	32.8	30
31	45.7		15.4		118		38.4	9.10		8.80		32.8	31
TOTAL	1 518.5	1 145.0	---	---	2 844.5	1 585.0	1 035.1	378.20	231.10	261.30	315.80	802.8	TOTAL
MEAN	49.0	40.9	---	---	91.8	51.8	33.4	12.2	7.70	8.48	10.7	25.8	MEAN
MAX	52.0	45.4	---	---	275	115	49.3	37.3	10.0	8.00	13.3	38.3	MAX
MIN	45.7	33.7	---	---	0	21.8	21.8	8.20	5.50	5.10	5.80	12.2	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 47 33 N
LONG 81 00 53 W
DRAINAGE AREA, 2 870 km²

REGULATED SINCE 1936

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	131 000	JUL	88 600
FEB	98 800	AUG	32 800
MAR	---	SEP	20 000
APR	---	OCT	17 400
MAY	246 000	NOV	27 800
JUN	134 000	DEC	68 400

DATA CONTRIBUTED BY -
ONTARIO HYDRO

FREDERICK HOUSE RIVER AT NIGHTHAWK LAKE - STATION NO. 04MD003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	273.550	272.780	271.670	271.730	272.730	274.220	274.350	274.280	274.240	274.150	274.150	274.370	1
2	273.550	272.720	271.700	271.740	272.680	274.200	274.350	274.280	274.230	274.140	274.140	274.360	3
3	273.520	272.700	271.700	271.700	272.970	274.170	274.350	274.280	274.220	274.130	274.150	274.380	3
4	273.500	272.670	271.700	271.740	273.100	274.180	274.380	274.240	274.220	274.100	274.150	274.350	4
5	273.470	272.630	271.640	271.780	273.270	274.150	274.370	274.240	274.220	274.110	274.150	274.340	5
6	273.450	272.610	271.680	271.740	273.410	273.410	274.370	274.250	274.220	274.120	274.190	274.350	6
7	273.420	272.580	271.650	271.720	273.580	274.170	274.350	274.240	274.220	274.130	274.210	274.350	7
8	273.410	272.560	271.650	271.740	273.680	274.180	274.380	274.240	274.210	274.130	274.210	274.380	8
9	273.380	272.510	271.670	271.720	273.740	274.200	274.380	274.280	274.200	274.120	274.220	274.340	9
10	273.380	272.490	271.680	271.630	273.800	274.230	274.410	274.280	274.180	274.120	274.230	274.380	10
11	273.340	272.480	271.700	271.620	273.840	274.250	274.420	274.280	274.180	274.120	274.250	274.350	11
12	273.280	272.430	271.700	271.610	273.880	274.280	274.440	274.270	274.180	274.120	274.280	---	12
13	273.270	272.410	271.680	271.620	273.940	274.280	274.480	274.270	274.180	274.120	274.280	---	13
14	273.280	272.380	271.680	271.610	273.980	274.300	274.450	274.270	274.180	274.120	274.270	---	14
15	273.230	272.380	271.700	271.800	274.080	274.310	274.480	274.280	274.180	274.120	274.280	---	15
16	273.180	272.340	271.680	271.820	274.080	274.310	274.490	274.280	274.170	274.110	274.280	274.300	16
17	273.170	272.280	271.680	271.870	274.100	274.310	274.450	274.280	274.170	274.120	274.330	274.280	17
18	273.140	272.230	271.680	271.880	274.120	274.350	274.510	274.280	274.180	274.120	274.340	274.270	18
19	273.110	272.210	271.680	271.740	274.140	274.370	274.500	274.280	274.150	274.110	274.340	---	19
20	273.080	272.170	271.700	271.780	274.150	274.380	274.500	274.280	274.180	274.110	274.340	274.230	20
21	273.020	272.140	271.680	271.810	274.150	274.380	274.500	274.250	274.180	274.110	274.380	---	21
22	273.030	272.080	271.680	271.820	274.240	274.380	274.480	274.250	274.150	274.110	274.380	274.200	22
23	273.010	272.020	271.650	271.800	274.410	274.390	274.450	274.280	274.100	274.130	274.360	---	23
24	272.970	272.000	271.680	271.830	274.430	274.390	274.440	274.280	274.140	274.130	274.380	274.150	24
25	272.920	272.000	271.700	272.000	274.500	274.370	274.420	274.260	274.170	274.130	274.380	274.180	25
26	272.910	271.950	271.710	272.080	274.440	274.370	274.400	274.270	274.120	274.150	274.380	---	26
27	272.880	271.800	271.730	272.220	274.400	274.380	274.380	274.260	274.140	274.150	274.380	274.110	27
28	272.870	271.880	271.740	272.370	274.380	274.340	274.330	274.280	274.150	274.150	274.380	274.110	28
29	272.840		271.720	272.480	274.280	274.340	274.330	274.280	274.140	274.150	274.380	---	29
30	272.810		271.710	272.610	274.280	274.340	274.300	274.240	274.130	274.150	274.370	---	30
31	272.780		271.780		274.240		274.290	274.240		274.150		274.070	31
MEAN	273.185	272.333	271.687	271.833	273.911	274.288	274.408	274.263	274.177	274.127	274.281	---	MEAN
MAX	273.550	272.780	271.870	272.610	274.500	274.390	274.510	274.290	274.240	274.150	274.370	---	MAX
MIN	272.780	271.800	271.640	271.600	272.730	273.410	274.290	274.240	274.100	274.100	274.150	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 274.510 ON JUL 18
MINIMUM DAILY, 271.600 ON APR 15

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 32 50 N
LONG 90 55 26 W
DATA CONTRIBUTED BY - ONTARIO HYDRO

REGULATED SINCE 1938

DRAINAGE AREA, 2 540 km²

WATER LEVELS ARE REFERRED TO TEMISKAMING AND NORTHERN ONTARIO RAILWAY DATUM
APPLY -0.582 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

FRENCH LAKE NEAR ATIKOKAN - STATION NO. 05PA010

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	31.361	31.342	31.275	31.240	31.707	31.872	31.613	31.386	31.258	31.221	31.180A	31.131	1
2	31.361	31.339	31.271	31.245	31.718	31.852	31.620	31.393	31.258	31.234	31.178	31.131	2
3	31.378	31.338	31.266	31.248	31.727	31.852	31.593	31.387	31.260	31.233	31.177	31.130	3
4	31.375	31.330	31.264	31.250	31.732	31.845	31.586	31.393	31.267	31.231	31.176	31.128	4
5	31.377	31.328	31.264	31.253	31.768	31.833	31.582	31.375	31.278	31.228	31.176	31.129	5
6	31.375	31.322	31.260	31.254	31.777	31.825	31.631	31.368	31.288	31.232	31.178	31.130	6
7	31.378	31.318	31.265	31.253	31.784	31.802	31.632	31.338	31.270	31.226	31.172	31.127	7
8	31.383	31.318	31.265	31.254	31.781	31.807	31.629	31.325	31.267	31.220	31.172	31.124	8
9	31.381	31.311	31.264	31.257	31.788	31.598	31.622	31.322	31.258	31.217	31.175	31.127	9
10	31.380	31.310	31.265	31.257	31.803	31.595	31.609	31.316	31.254	31.216	31.176	31.129	10
11	31.377	31.310	31.265	31.258	31.800	31.588	31.587	31.308	31.242	31.218	31.185	31.126	11
12	31.381	31.308	31.266	31.260	31.787	31.589	31.582	31.301	31.260	31.221	31.178	31.128	12
13	31.378	31.305	31.265	31.261	31.787	31.580	31.575	31.315	31.255	31.212	31.167	31.124	13
14	31.371	31.307	31.263	31.267	31.782	31.581	31.568	31.314	31.248	31.206	31.167	31.127	14
15	31.370	31.307	31.248	31.271	31.778	31.581	31.562	31.316	31.243	31.202	31.186	31.128	15
16	31.368	31.308	31.246	31.278	31.788	31.580	31.550	31.308	31.242	31.202	31.182	31.126	16
17	31.367	31.307	31.241	31.283	31.788	31.586	31.548	31.304	31.235	31.197	31.160	31.127	17
18	31.367	31.304	31.240	31.286	31.784	31.582	31.527	31.301	31.235	31.188	31.160	31.128	18
19	31.368	31.302	31.238	31.291	31.767	31.574	31.525	31.295	31.235	31.185	31.158	31.128	19
20	31.368	31.288	31.238	31.296	31.750	31.568	31.520	31.292	31.232	31.181	31.161	31.129	20
21	31.368	31.281	31.237	31.305	31.745	31.556	31.512	31.281	31.233	31.187	31.151	31.127	21
22	31.365	31.281	31.235	31.331	31.731	31.570	31.508	31.293	31.256	31.184	31.149	31.126	22
23	31.363	31.278	31.235	31.347	31.728	31.567	31.488	31.282	31.245	31.185	31.148	31.124	23
24	31.359	31.273	31.236	31.365	31.712	31.567	31.482	31.285	31.245	31.183	31.142	31.125	24
25	31.358	31.278	31.238	31.448	31.724	31.553	31.482	31.280	31.242	31.182	31.140	31.128	25
26	31.364	31.278	31.232	31.515	31.712	31.571	31.478	31.273	31.234	31.183	31.137	31.128	26
27	31.365	31.278	31.228	31.580	31.701	31.571	31.462	31.272	31.230	31.180	31.138	31.128	27
28	31.361	31.278	31.231	31.631	31.683	31.563	31.448	31.286	31.238	31.176A	31.138	31.12u	28
29	31.369		31.231	31.668	31.687	31.567	31.442	31.293	31.239	31.177E	31.135	31.128	29
30	31.367		31.238	31.690	31.684	31.903	31.416	31.279	31.224	31.176E	31.133	31.128	30
31	31.362		31.240		31.677		31.400	31.282		31.179E		31.128	31
MEAN	31.368	31.303	31.247	31.338	31.748	31.692	31.543	31.314	31.248	31.203	31.161	31.128	MEAN
MAX	31.383	31.342	31.276	31.690	31.803	31.872	31.633	31.397	31.278	31.234	31.185	31.131	MAX
MIN	31.362	31.273	31.228	31.240	31.677	31.553	31.400	31.282	31.224	31.176	31.133	31.124	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 31.350
MAXIMUM DAILY, 31.902 ON MAY 10
MINIMUM DAILY, 31.124 ON DEC 8
MAXIMUM INSTANTANEOUS,
31.903 AT 15:34 CST ON MAY 10

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 40 20 N
LONG 91 08 08 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

FRENCH RIVER AT CHAUDIERE DAM - STATION NO. 02DD017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	112E	119 E	96.2E	35.1 E	7.70E	178	118	5.72	5.74	40.0	67.0	128	1
2	112E	116 E	94.7E	15.4 E	8.01E	177	85.0	5.96	5.57	40.3	69.4	128	2
3	113E	117 E	94.6E	5.75E	10.4 E	178	42.8	5.81	5.67	39.8	69.0	128	3
4	117E	115 E	94.4E	11.9 E	13.0 E	178	18.3	5.82	5.62	39.4	68.1	128	4
5	121E	115 E	94.1E	21.8 E	14.8 E	177	6.83	5.82	5.63	41.0	68.0	128	5
6	123E	115 E	93.1E	42.1 E	17.4 E	147	6.77	5.72	5.74	42.8	68.0	128	6
7	128E	114 E	92.6E	70.5 E	17.8 E	107	6.65	5.68	5.64	45.7	68.8	128	7
8	128E	113 E	91.6E	74.0 E	27.7 E	93.7	6.55	5.88	5.67	45.6	68.8	128	8
9	127E	111 E	90.6E	75.7 E	37.8 E	104	6.55	5.88	5.66	45.5	67.5	128	9
10	128E	111 E	89.4E	64.7 E	30.7 E	164	6.57	5.75	5.64	45.7	78.1	123	10
11	131E	111 E	89.3E	40.9 E	35.0 E	227	6.51	5.87	5.76	45.8	90.8	122	11
12	132E	110 E	88.0E	30.3 E	35.6 E	187	6.41	5.81	5.72	45.8	90.8	122	12
13	131E	109 E	87.3E	30.7 E	35.8 E	156	6.41	5.82	5.68	50.3	91.1	123	13
14	130E	109 E	87.3E	31.2 E	38.2 E	164	6.37	5.81	5.63	55.0	98.8	126	14
15	130E	108 E	88.0E	31.2 E	36.3 E	152	6.30	5.89	5.47	54.8	113	128	15
16	130E	107 E	87.0E	31.3 E	38.1 E	151	6.28	6.02	5.54	54.7	127	124	16
17	128E	105 E	87.0E	31.7 E	32.8	182	6.25	5.84	5.49	54.8	131	124	17
18	128E	104 E	86.6E	31.9 E	34.2	229	6.13	5.73	5.45	55.7	133	123	18
19	127E	104 E	85.7E	37.2 E	38.0	202	6.08	5.82	5.62	59.2	134	122	19
20	128E	104 E	85.4E	48.0 E	36.8	178	6.15	5.83	6.04	61.1	134	120	20
21	127E	103 E	81.9E	46.5 E	36.3	178	6.00	5.75	16.5	61.8	134	119	21
22	128E	101 E	72.4E	41.4 E	36.3	178	6.02	5.76	39.7	61.3	134	118	22
23	128E	100 E	68.7E	22.7 E	52.1	181	6.05	5.67	40.2	61.4	134	117	23
24	125E	99.4E	59.9E	8.31E	71.3	181	5.60	5.71	40.2	61.4	134	116	24
25	124E	99.1E	58.8E	8.48E	73.1	182	5.80	5.65	40.2	61.7	135	116	25
26	123E	98.6E	57.6E	8.01E	87.9	180	5.68	5.72	40.1	62.3	134	116	26
27	123E	97.6E	56.0E	7.90E	118	175	5.85	5.75	40.1	63.4	132	114	27
28	122E	95.3E	52.2E	7.89E	148	177	5.82	5.78	40.2	63.9	128	113	28
29	121E		45.4E	8.01E	163	174	5.65	5.76	39.9	63.8	128	112	29
30	120E		42.1E	7.61E	176	158	5.80	5.77	39.8	63.7	127	112	30
31	120E		37.2E		179		5.73	5.76		64.7		111	31
TOTAL	3 855	3 014.2	2 426.2	928.37	1 674.61	5 094.7	409.01	178.53	480.76	1 652.2	3 156.0	3 746	TOTAL
MEAN	124	108	78.3	30.9	54.0	170	13.2	5.76	16.0	53.3	105	121	MEAN
MAX	132	119	96.2	75.7	179	229	118	6.02	40.2	64.7	135	128	MAX
MIN	112	95.3	37.2	5.75	7.70	93.7	5.58	5.65	5.45	39.4	67.0	111	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 73.0
MAXIMUM DAILY, 229 ON JUN 18
MINIMUM DAILY, 5.45 ON SEP 18

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 07 33 N
LONG 80 01 10 W

E - ESTIMATED
REGULATED SINCE 1916

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	333 000	JUL	35 300
FEB	260 000	AUG	15 500
MAR	210 000	SEP	42 400
APR	80 200	OCT	143 000
MAY	145 000	NOV	273 000
JUN	440 000	DEC	324 000

TOTAL DISCHARGE, 2 300 000 dam³

REMARKS - DISCHARGES SUMMED WITH THOSE AT 02DD018, 02DD020, TO GIVE FLOW FOR "FRENCH RIVER AT LAKE NIPISSING" NO. 02DD007

FRENCH RIVER AT DRY PINE BAY - STATION NO. 02DD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	283	280	215	251	152	304	273	48.7	45.8	60.0	64.0	221	1
2	284	278	214	249	149	312	241	48.8	45.7	60.7	64.4	240	2
3	284	275	211	243	146	318	204	48.9	45.3	60.7	64.7	254	3
4	282	272	210	239	144	316	170	50.7	45.1	60.3	65.8	261	4
5	282	270	209	249	144	315	143	51.3	44.4	60.7	66.0	263	5
6	282	267	208	282	147	304	117	50.7	44.0	61.4	80.0	263	6
7	283	266	205	281	149	282	99.4	49.7	44.0	62.0	81.7	263	7
8	288	264	203	288	157	249	88.0	48.7	44.7	62.9	81.9	260	8
9	291	262	200	310	157	221	80.5	47.7	45.9	63.7	81.4	258	9
10	293	259	197	315	178A	207	75.5	47.3	46.0	64.7	81.6	256	10
11	286	256	196	311	182	204	71.9	47.1	46.0	65.8	93.2	253	11
12	287	254	194	299	185	211	68.4	47.3	47.5	66.6	97.7	250	12
13	286	252	193	282	187	212	67.1	47.2	46.8	67.6	103	248	13
14	285	251	192	287	188	208	65.0	47.3	46.0	68.3	107	245	14
15	283	246	189	263	190	204	62.8	47.8	46.3	69.5	110	245	15
16	291	245	203	237	191	202	58.8	48.8	44.9	71.6	120	244	16
17	289	242	204	228	191	201	57.4	50.4	44.3	73.3	134	242	17
18	287	239	205	226	190	214	55.5	50.1	44.1	73.3	144	240	18
19	287	237	204	227	190	234	53.9	49.4	43.7	72.9	164	238	19
20	284	234	203	228	190	251	52.4	48.7	43.4	78.4	163	236	20
21	283	232	202	231	182	260	51.3	48.3	43.2	78.9	169	234	21
22	282	231	198	223	184	268	50.4	48.3	43.5	80.6	173	231	22
23	281	227	193	231	186	271	49.7	47.8	44.8	81.2	175	228	23
24	281	225	184	222	201	280	49.3	47.3	46.3	81.7	176	228	24
25	283	223	176	208	208	294	48.9	46.8	51.3	81.6	177	226	25
26	288	220	175	191	218	304	48.7	46.2	53.6	82.0	178	225	26
27	286	218	176	180	225	305	48.5	46.1	55.8	82.1	179	224	27
28	285	217	188	170	236	301	48.3	46.1	57.4	82.4	184	221	28
29	288		216	182	253	288	47.8	46.3	58.9	82.6	194	219	29
30	286		238	165	271	281	47.2	46.8	59.4	82.8	204	218	30
31	287		260		290		46.8	46.9		83.5		214	31
TOTAL	8 886	6 944	6 264	7 238	5 903	7 835	2 643.5	1 491.2	1 422.8	2 223.1	3 911.4	7 443	TOTAL
MEAN	287	248	202	241	190	261	85.3	48.1	47.4	71.7	130	240	MEAN
MAX	287	280	260	315	290	318	273	51.3	59.4	83.5	204	263	MAX
MIN	281	217	175	165	144	201	46.8	45.8	43.2	60.0	64.0	214	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 170
MAXIMUM DAILY, 318 ON JUN 3
MINIMUM DAILY, 43.2 ON SEP 21
MAXIMUM INSTANTANEOUS,
317 AT 19:00 EST ON JUN 3

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 03 01 N
LONG 80 34 26 W
DRAINAGE AREA, 13 900 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	768 000	JUL	228 000
FEB	600 000	AUG	129 000
MAR	541 000	SEP	123 000
APR	625 000	OCT	192 000
MAY	510 000	NOV	338 000
JUN	677 000	DEC	643 000

TOTAL DISCHARGE, 5 370 000 dam³

FRENCH RIVER AT LAKE NIPISSING - STATION NO. 02DD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	272E	288E	203E	150E	108E	307	171	50.4	48.3	53.0	85.8	348	1
2	270E	281E	200E	133E	105E	304	120	50.4	48.3	53.0	87.6	348	2
3	270E	288E	198E	126E	116E	304	103	50.4	48.6	52.5	87.2	347	3
4	272E	284E	196E	136E	118E	305	77.8	50.8	48.1	51.8	87.2	347	4
5	274E	283E	196E	162E	119E	273	68.2	50.8	47.9	53.1	86.8	348	5
6	275E	283E	194E	178E	125E	221	66.2	51.5	48.0	54.5	86.8	348	6
7	277E	250E	192E	208E	128E	180	67.2	51.1	47.9	57.8	87.6	346	7
8	275E	248E	190E	216E	140E	167	66.8	51.3	48.1	57.4	87.4	244	8
9	277E	244E	188E	232E	163E	133	66.3	50.8	47.9	57.0	85.9	243	9
10	274E	243E	186E	214E	148E	198	66.1	51.3	47.7	56.9	85.5	239	10
11	278E	242E	184E	192E	168E	250	66.1	51.7	48.8	57.0	107	237	11
12	276E	240E	182E	182E	157E	218	66.0	51.8	48.0	57.0	108	234	12
13	278E	238E	178E	178E	158E	188	66.0	51.3	47.7	71.7	108	238	13
14	278E	237E	178E	168E	180E	185	80.1	51.1	47.3	78.2	113	234	14
15	273E	234E	180E	141E	181E	183	83.9	50.9	46.4	78.7	130	234	15
16	271E	232E	178E	128E	184E	182	83.8	51.0	48.1	75.8	145	232	16
17	280E	226E	175E	131E	180	243	83.3	51.1	45.2	75.0	150	231	17
18	287E	225E	170E	135E	162	306	83.0	51.8	48.1	76.6	157	228	18
19	285E	224E	177E	144E	184	378	80.3	51.2	45.7	79.8	164	227	19
20	288E	223E	175E	158E	185	286	67.7	51.7	48.1	81.4	164	225	20
21	288E	221E	173E	160E	184	254	67.6	50.8	48.1	82.8	164	221	21
22	284E	217E	183E	167E	185	254	67.5	50.8	44.6	81.8	164	219	22
23	271E	215E	148E	140E	184	258	67.3	51.0	44.8	81.8	164	217	23
24	276E	213E	150E	118E	201	310	66.8	50.7	45.0	81.4	163	215	24
25	276E	212E	148E	108E	202	311	50.9	50.6	44.4	81.6	163	215	25
26	275E	211E	147E	108E	217	297	50.7	50.3	44.2	82.0	162	214	26
27	277E	207E	145E	108E	245	261	51.2	50.1	44.0	82.8	176	211	27
28	274E	204E	143E	103E	275	263	51.3	50.0	43.8	83.3	181	209	28
29	271E		142E	105E	284	278	51.0	50.1	43.2	83.2	203	207	29
30	288E		148E	107E	305	235	50.7	49.6	42.8	83.0	235	205	30
31	287E		148E		308		50.6	49.5		83.4		204	31
TOTAL	8 442	6 653	5 401	4 459	5 417	7 480	1 985.8	1 576.8	1 578.3	2 380.7	4 008.9	7 111	TOTAL
MEAN	272	234	174	150	175	248	64.1	50.8	52.5	74.3	134	229	MEAN
MAX	279	285	203	222	308	311	171	51.7	55.0	83.4	235	248	MAX
MIN	264	204	143	103	105	133	46.5	49.5	45.7	51.8	85.5	204	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 154
MAXIMUM DAILY, 311 ON JUN 25
MINIMUM DAILY, 46.7 ON SEP 19

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE -
LOCATION - LAT N
LONG W
DRAINAGE AREA, 12 300 km²

E - ESTIMATED
REGULATED SINCE 1915

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	729 000	JUL	172 000
FEB	585 000	AUG	136 000
MAR	467 000	SEP	136 000
APR	389 000	OCT	199 000
MAY	468 000	NOV	346 000
JUN	644 000	DEC	614 000

TOTAL DISCHARGE, 4 870 000 dam³

REMARKS - DISCHARGE OBTAINED BY TOTALLING DISCHARGES AT STATIONS 02DD016, 02DD017, 02DD020

FRENCH RIVER AT PORTAGE DAM - STATION NO. 02DD016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	111 E	111 E	83.4E	88.8E	45.2E	85.3	28.8	21.9	23.5	4.88	3.68	108	1
2	110 E	110 E	82.1E	91.8E	43.7E	84.7	28.8	21.8	23.3	4.80	3.88	108	2
3	109 E	109 E	81.8E	93.8E	44.8E	84.2	34.7	21.3	22.1	5.04	3.64	108	3
4	108 E	107 E	81.2E	86.8E	45.7E	84.5	34.8	21.8	21.8	4.92	3.68	108	4
5	107 E	106 E	80.0E	100 E	47.0E	24.8	34.9	21.9	21.8	4.89	3.30	108	5
6	106 E	106 E	79.3E	103 E	48.9E	3.43	34.9	22.3	21.8	4.89	3.30	107	6
7	106 E	105 E	78.8E	106 E	50.0E	3.19	35.1	22.1	21.7	4.89	3.30	107	7
8	105 E	104 E	77.8E	110 E	51.2E	3.21	35.1	22.4	21.8	4.89	3.30	107	8
9	105 E	102 E	78.2E	112 E	52.4E	3.15	35.1	21.8	21.5	4.88	3.30	105	9
10	104 E	102 E	75.7E	114 E	54.2E	3.17	35.0	23.0	21.7	4.73	2.40	104	10
11	104 E	101 E	76.1E	116 E	55.3E	3.17	35.1	23.2	21.8	4.72	1.88	103	11
12	103 E	100 E	74.2E	118 E	56.8E	3.19	35.0	23.3	21.8	4.73	3.30	101	12
13	102 E	99.4E	72.8E	111 E	58.4E	3.26	35.0	23.3	21.8	4.88	1.88	101	13
14	102 E	98.6E	72.4E	99.9E	57.3E	3.28	29.2	23.0	21.4	4.88	1.88	99.8	14
15	101 E	97.5E	72.8E	72.1E	57.7E	3.26	23.2	23.1	20.8	4.88	2.40	98.7	15
16	99.7E	96.7E	72.6E	58.6E	58.3E	3.26	23.0	23.0	20.7	4.88	3.38	97.7	16
17	99.2E	95.3E	72.1E	60.7E	58.6	22.0	23.0	22.5	20.8	4.88	3.30	97.2	17
18	98.3E	94.4E	72.1E	62.6E	59.1	48.5	23.0	23.1	20.7	4.80	8.02	95.8	18
19	98.2E	93.4E	72.0E	64.7E	58.8	48.8	20.8	23.1	20.4	4.57	14.5	95.0	19
20	98.8E	92.8E	71.8E	66.8E	58.9	48.8	18.0	23.1	20.8	4.64	14.3	94.9	20
21	100 E	91.8E	71.8E	68.9E	58.3	48.8	18.0	23.1	12.0	4.44	14.3	93.4	21
22	99.0E	90.3E	71.9E	70.5E	58.7	48.7	18.0	23.2	5.44	4.44	14.3	92.3	22
23	106 E	88.7E	71.8E	71.4E	61.1	49.0	18.0	23.2	5.30	4.44	14.2	91.4	23
24	115 E	88.8E	71.3E	81.4E	67.3	101	18.0	22.8	5.27	4.42	13.7	80.4	24
25	116 E	88.0E	71.0E	80.9E	96.9	101	22.1	23.0	5.15	4.44	13.6	89.8	25
26	116 E	87.4E	71.0E	81.3E	98.4	89.5	22.0	23.0	5.15	4.42	13.5	89.5	26
27	117 E	85.7E	71.2E	68.8E	96.8	78.7	22.0	23.0	5.01	4.37	28.3	88.2	27
28	116 E	84.4E	72.2E	64.7E	89.8	78.4	22.0	23.1	4.85	4.34	47.7	87.6	28
29	115 E		76.9E	65.7E	87.6	78.3	21.8	23.0	4.82	4.34	61.0	86.8	29
30	113 E		82.1E	67.0E	87.5	81.1	21.8	22.8	4.88	4.18	93.2	85.3	30
31	112 E		88.8E		86.1		21.8	22.8		3.77		84.7	31
TOTAL	3 300.3	2 736.7	2 339.8	2 401.4	1 890.8	1 170.87	828.7	703.8	487.28	142.52	402.27	3 034.3	TOTAL
MEAN	106	97.7	75.5	80.0	84.5	39.0	26.8	22.7	16.2	4.80	13.4	97.9	MEAN
MAX	117	111	88.8	118	61.1	101	35.1	23.3	23.5	5.04	93.2	108	MAX
MIN	98.2	84.4	71.0	64.7	42.7	3.15	18.0	21.3	4.85	3.77	1.88	84.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 52.7
MAXIMUM DAILY, 117E ON JAN 27
MINIMUM DAILY, 1.88 ON NOV 11

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 07 22 N
LONG 80 00 49 W

E - ESTIMATED
REGULATED SINCE 1949

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	285 000	JUL	71 700
FEB	238 000	AUG	80 800
MAR	202 000	SEP	42 100
APR	207 000	OCT	12 300
MAY	148 000	NOV	34 800
JUN	101 000	DEC	262 000

TOTAL DISCHARGE, 1 890 000 dam³

REMARKS - DISCHARGES SUMMED WITH THOSE AT 02DD017 AND 02DD020, TO GIVE FLOW FOR "FRENCH RIVER AT LAKE NIPISSING" NO. 02DD007

GANARASKA RIVER ABOVE DALE - STATION NO. 02HD012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.838	2.208	1.168	3.82	2.80	3.48	1.80	1.38	2.03	1.78	2.86	3.428	1
2	2.808	2.008	1.158	3.22	3.34	3.48	1.87	1.44	2.91	2.24	2.33	4.558	2
3	2.708	1.888	1.148	4.89	3.44	3.77	1.83	1.84	2.91	2.27	2.46	3.088	3
4	2.608	1.808	1.138	11.6	2.83	3.18	1.82	1.88	1.84	1.82	2.18	2.778	4
5	2.538	1.738	1.128	6.08	3.03	2.80	1.87	3.47	1.87	1.82E	2.18	3.808	5
6	2.478	1.678	1.118	4.13	5.24	2.18	1.85	1.78	1.87	1.88E	2.88	3.408	6
7	2.428	1.628	1.108	3.73	8.88	2.02	1.48	1.58	1.72	1.88E	2.70	3.098	7
8	7.008	1.588	1.098	3.08	5.50	1.92	1.46	1.57	1.84	1.78	3.84	2.708	8
9	3.508	1.558	1.088	2.81	3.84	1.80	1.45	1.56	1.87	1.77	4.22	3.008	9
10	3.008	1.538	1.078	2.67	3.03	2.81	1.44	1.82	1.78	1.84	3.24	3.868	10
11	2.808	1.508	1.068	2.60	2.88	2.24	1.38	1.81	1.88	2.80	2.77	3.088	11
12	2.788	1.478	1.058	2.44	5.48	1.87	1.38	1.81	1.86	3.17	2.83	2.808	12
13	4.408	1.488	1.048	2.84	5.83	1.78	1.38	1.84	1.83	1.87	2.48	2.888	13
14	2.808	1.458	2.068	3.72	3.40	1.74	1.37	1.88	1.74	1.83	2.78	2.808	14
15	2.208	3.508	10.0 E	3.89	3.01	1.80	1.37	1.88	2.18	2.98	8.81	2.908	15
16	2.068	2.008	4.008	3.03	2.71	1.80	1.40	1.77	1.82	2.88	10.8	2.438	16
17	1.868	1.858	2.288	2.86	2.88	3.28	1.38	1.80	2.38	2.85	5.77	2.378	17
18	1.808	1.458	2.068	3.01	2.43	2.87	1.37	1.48	1.88	2.84	3.84	2.338	18
19	1.838	1.408	1.858	2.82	2.34	2.23	1.38	1.48	1.78	2.27	3.13	2.248	19
20	1.778	1.368	1.888	2.74	2.37	4.80	1.42	1.88	1.73	3.47	8.08	2.238	20
21	1.728	1.318	1.808	2.86	3.07	4.28	1.41	1.88	1.70	3.37	7.88	2.188	21
22	1.688	1.288	1.788	2.45	2.42	3.00	1.40	1.81	1.82	2.86	3.828	2.138	22
23	1.648	1.258	1.888	2.44	2.18	2.88	1.41	1.72	5.88	2.44	3.118	2.118	23
24	1.628	1.248	2.548	2.30	2.13	2.30	1.32	1.81	2.88	2.27	2.808	2.088	24
25	1.808	1.228	4.948	2.24	2.08	2.08	1.28	1.83	2.08	2.16	2.888	2.088	25
26	2.708	1.208	15.0 E	3.83	2.14	2.08	1.27	1.48	1.88	2.10	2.81	2.038	26
27	2.008	1.188	13.7 E	2.88	2.08	1.87	1.37	1.48	1.88	2.08	2.81	2.008	27
28	1.868	1.168	13.2 E	2.48	1.83	1.73	1.78	1.81	1.87	2.01	4.88	1.888	28
29	1.858		10.7	3.42	1.86	1.85	1.48	1.88	1.81	1.88	3.088	1.888	29
30	5.008		4.03	2.80	1.86	1.82E	1.48	1.81	1.74	1.88	3.028	1.878	30
31	3.008		3.83		2.59		1.40	1.48		2.03		2.308	31
TOTAL	81.08	54.58	111.87	98.38	97.77	73.24	44.87	50.06	61.91	70.10	116.89	81.83	TOTAL
MEAN	2.62	1.89	3.61	3.28	3.15	2.44	1.44	1.61	2.06	2.26	3.88	2.63	MEAN
MAX	7.00	3.50	15.0	11.6	8.88	4.80	1.78	2.47	5.88	3.47	10.8	4.55	MAX
MIN	1.80	1.18	1.04	2.24	1.48	1.82	1.37	1.38	1.82	1.78	2.18	1.87	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.55
MAXIMUM DAILY, 15.08 ON MAR 26
MINIMUM DAILY, 1.048 ON MAR 13

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 59 26 N
LONG 78 19 43 W
DRAINAGE AREA, 232 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 010	JUL	3 880
FEB	3 880	AUG	4 330
MAR	9 970	SEP	5 380
APR	8 500	OCT	6 080
MAY	8 450	NOV	10 000
JUN	6 330	DEC	7 040

TOTAL DISCHARGE, 80 400 dam³

GANARASKA RIVER NEAR OSACA - STATION NO. 02HD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5208	0.5908	0.4658	1.20	1.08	1.34	0.852	0.825	1.05	0.880	1.25	1.52 B	1
2	0.5058	0.5858	0.4608	1.20	1.38	1.28	0.843	0.883	1.04	0.928	0.842	2.74 B	2
3	0.4808	0.5358	0.4558	1.82	1.22	1.00	0.824	0.803	0.877	0.832	1.02	1.81 B	3
4	0.4708	0.5208	0.4508	3.88	1.07	1.24	0.833	0.758	0.832	0.725	0.840	1.28 B	4
5	0.4608	0.5058	0.4458	1.88	1.28	0.934	0.828	0.818	0.820	0.704	0.842	1.31 B	5
6	0.4508	0.4958	0.4408	1.58	2.25	0.844	0.808	0.880	0.818	0.737	1.11	1.21 B	6
7	0.8808	0.4858	0.4368	1.45	2.73	0.808	0.888	0.805	0.884	0.714	1.18	0.9188	7
8	1.00 B	0.4768	0.4368	1.28	1.83	0.783	0.803	0.811	0.700	0.880	1.80	1.13 B	8
9	0.8008	0.4708	0.4328	1.07	1.27	0.811	0.588	0.800	0.880	0.881	1.72	1.20 B	9
10	0.5458	0.4858	0.4308	1.04	1.18	1.08	0.874	0.880	0.845	0.783	1.14	1.08 B	10
11	0.5408	0.4558	0.4288	0.994	1.28	0.871	0.883	0.880	0.837	1.08	1.02	0.8828	11
12	0.5708	0.4508	0.4248	0.842	2.81	0.787	0.877	0.878	0.814	0.810	0.978	0.8888	12
13	0.5008	0.4458	0.4258	1.15	1.83	0.744	0.888	0.815	0.800	0.744	0.914	0.8748	13
14	0.4508	0.5408	1.20 B	1.10	1.31	0.728	0.858	0.803	0.838	0.772	1.13	0.8408	14
15	0.4308	0.7808	3.00 B	1.38	1.13	0.788	0.877	0.808	0.778	1.28	3.38	0.8158	15
16	0.4208	0.8608	2.20 B	1.20	1.04	0.784	0.878	0.828	0.715	1.18	3.72	0.8008	16
17	0.4138	0.8108	1.43 B	1.15	0.985	1.48	0.887	0.874	0.888	1.04	1.87	0.4888	17
18	0.4108	0.5888	0.8468	1.24	0.949	1.10	0.850	0.858	0.888	1.02	1.31	0.4758	18
19	0.4058	0.5858	0.7788	1.08	0.902	0.897	0.848	0.888	0.848	0.894	1.10	0.4708	19
20	0.4008	0.5458	0.7368	1.02	0.978	2.82	0.868	0.848	0.837	1.84	3.38	0.4858	20
21	0.3958	0.5308	0.6898	1.11	1.28	1.88	0.851	0.738	0.828	1.31	2.58	0.4808	21
22	0.3958	0.5208	0.6548	1.04	0.938	1.33	0.868	0.721	0.728	1.10	1.17 B	0.4858	22
23	0.4108	0.5108	0.7318	0.970	0.868	1.07	0.878	0.838	2.78	0.821	1.03 B	0.4908	23
24	0.4408	0.5008	1.38 B	0.950	0.851	0.915	0.832	0.801	0.843	0.845	1.00 B	0.4488	24
25	0.8308	0.4958	2.81 B	1.00	0.827	0.857	0.823	0.870	0.802	0.822	0.9888	0.4408	25
26	0.5808	0.4908	3.00 B	1.00	0.807	0.828	0.817	0.863	0.744	0.803	1.03	0.4388	26
27	0.5808	0.4858	2.71	0.985	0.818	0.783	0.808	0.863	0.700	0.784	1.03	0.4368	27
28	0.5508	0.4758	2.60 B	0.988	0.782	0.712	0.884	0.880	0.893	0.773	1.82	0.4378	28
29	0.5408		2.48	0.982	0.788	0.878	0.883	0.872	0.878	0.784	1.30 B	0.4388	29
30	0.5008		1.48	1.13	0.838	0.880	0.871	0.878	0.880	0.742	1.18 B	0.4358	30
31	0.7008		1.38		1.17		0.838	0.863		0.818		0.5008	31
TOTAL	17.341	14.735	43.748	38.002	38.831	30.883	18.041	19.085	24.107	27.431	43.034	24.888	TOTAL
MEAN	0.559	0.526	1.38	1.27	1.24	1.02	0.882	0.815	0.804	0.885	1.43	0.782	MEAN
MAX	1.00	0.780	8.00	3.88	2.81	2.82	0.884	0.818	2.78	1.84	3.72	2.74	MAX
MIN	0.395	0.445	0.425	0.842	0.788	0.680	0.817	0.828	0.888	0.680	0.840	0.435	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.827
MAXIMUM DAILY, 8.00 ON MAR 26
MINIMUM DAILY, 0.3958 ON JAN 22

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 00 56 N
LONG 78 28 17 W
DRAINAGE AREA, 87.3 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 500	JUL	1 880
FEB	1 270	AUG	1 880
MAR	3 880	SEP	3 880
APR	3 260	OCT	3 370
MAY	3 330	NOV	3 720
JUN	2 880	DEC	3 120

TOTAL DISCHARGE, 29 200 dam³

BORING DRAIN AT CONCESSION #13 (PITTOCK TEST) - STATION NO. 02ED026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.024	0.067	0.001	0.087	0.004	0.013	0.001	0	0	0	0	0.006	1
2	0.020	0.045	0.001	0.085	0.004	0.021	0.001	0	0	0	0	0.0058	2
3	0.015	0.030	0.001	0.188	0.003	0.018	0.001	0	0	0	0	0.0028	3
4	0.0128	0.023	0.001	0.249	0.003	0.010	0.001	0	0	0	0	0.0028	4
5	0.0078	0.0178	0.001	0.188	0.004	0.006	0.001	0	0	0	0	0.002	5
6	0.006	0.0108	0.001	0.183	0.004	0.004	0	0	0	0A	0	0.002	6
7	0.006	0.0088	0.001	0.114	0.004	0.003	0	0	0	0E	0	0.001	7
8	0.2718	0.0078	0.001	0.078	0.004	0.002	0	0	0	0E	0.001	0.001	8
9	0.108	0.0038	0.001	0.054	0.003	0.017	0	0	0	0E	0.001	0.001	9
10	0.062	0.0038	0.038	0.048	0.002	0.052	0	0	0	0E	0.001	0.001	10
11	0.027	0.0038	0.074	0.038	0.002	0.018	0	0	0	0A	0	0.001	11
12	0.081	0.0028	0.0308	0.080	0.005	0.014	0	0	0	0	0	0.001	12
13	0.030	0.0028	0.0178	0.098	0.007	0.009	0	0	0	0	0	0.001	13
14	0.018	0.0088	0.035	0.084	0.005	0.005	0	0	0	0	0	0.001	14
15	0.018	0.0088	0.089	0.121	0.005	0.003	0	0	0	0	0.033	0.001	15
16	0.010	0.0038	0.013	0.077	0.004	0.003	0	0	0	0	0.062	0.001	16
17	0.008	0.0028	0.008	0.058	0.003	0.004	0	0	0	0	0.018	0.001	17
18	0.017	0.0028	0.080	0.070	0.002	0.011	0	0	0	0	0.007	0.001	18
19	0.024	0.0028	0.054	0.048	0.003	0.008	0	0	0	0	0.004	0.001	19
20	0.0128	0.002	0.030	0.032	0.003	0.006	0.001	0	0	0	0.018	0.001	20
21	0.0078	0.002	0.018	0.023	0.002	0.005	0	0	0	0	0.013	0	21
22	0.0088	0.002	0.0128	0.017	0.002	0.052	0	0	0	0	0.006	0	22
23	0.0108	0.001	0.0468	0.012	0.002	0.026	0	0	0	0	0.004	0	23
24	0.0178	0.001	0.082	0.008	0.002	0.018	0	0	0	0	0.002	0	B 24
25	0.0138	0.001	0.207	0.008	0.002	0.011	0	0	0	0	0.002	0	B 25
26	0.0858	B.002	0.167	0.007	0.007	0.007	0	0	0	0	0.002	0	B 26
27	0.031	B.001	0.152	0.006	0.003	0.004	0.001	0	0	0	0.002	0	B 27
28	0.037	B.001	0.278	0.006	0.002	0.003	0.001	0	0	0	0.028	0	B 28
29	0.045		0.331	0.006	0.002	0.002	0	0	0	0	0.017	0	B 29
30	0.078		0.182	0.004	0.011	0.001	0	0	0	0	0.010	0	B 30
31	0.065		0.136		0.014		0	0		0		0.0018	31
TOTAL	1.143	0.280	2.068	2.023	0.122	0.355	0.008	0	0	0	0.230	0.033	TOTAL
MEAN	0.037	0.010	0.067	0.067	0.004	0.012	0	0	0	0	0.008	0.001	MEAN
MAX	0.271	0.067	0.331	0.249	0.014	0.052	0.001	0	0	0	0.062	0.006	MAX
MIN	0.006	0.001	0.001	0.004	0.002	0.001	0	0	0	0	0	0	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.017
MAXIMUM DAILY, 0.331 ON MAR 28
MINIMUM DAILY, 0 ON JUL 6
MAXIMUM INSTANTANEOUS,
0.449 AT 00:45 EST ON MAR 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 17 05 N
LONG 80 49 18 W
DRAINAGE AREA, 3.81 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	88.8	JUL	0.69
FEB	24.2	AUG	0
MAR	178	SEP	0
APR	175	OCT	8
MAY	10.5	NOV	19.9
JUN	30.7	DEC	2.85

TOTAL DISCHARGE, 541 dam³

GOULAIS RIVER NEAR SEARCHMONT - STATION NO. 02FF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.7 B	7.888	4.298	31.68	115	28.1	11.3	1.90	8.01	1.77	12.8	10.5 B	1
2	14.3 B	7.808	4.238	30.58	104	27.6	10.2	1.87	4.74	1.85	11.8	10.5 B	2
3	14.2 B	7.808	4.208	30.08	95.7	26.2	9.33	2.20A	3.78	2.30	10.6	10.2 B	3
4	13.9 B	7.358	4.188	30.28	103	23.8	8.83	2.30E	3.22	2.20	9.81	9.808	4
5	13.5 B	7.158	4.108	30.58	119	21.2	8.20	2.12E	2.86	2.29	12.1	9.508	5
6	13.4 B	8.998	4.088	31.08	120	19.2	7.83	2.23E	2.62	3.55	28.8	9.308	6
7	13.0 B	8.808	4.028	30.08	103	18.2	8.87	2.33E	2.48	4.09	27.0	9.008	7
8	12.5 B	8.608	4.008	29.08	90.7	22.3	9.39	2.48E	2.86	3.72	24.6	8.708	8
9	12.0 B	8.438	3.988	28.08	84.7	34.4	8.88	2.22E	2.98	3.19	26.0	8.508	9
10	11.5 B	8.308	3.978	27.08	78.1	40.4	8.88	2.08E	3.36	2.86	30.8	8.308	10
11	11.2 B	8.108	3.938	26.08	71.8	38.1	8.40	1.93E	3.20	2.84	30.8	8.108	11
12	10.8 B	8.008	3.908	24.88	86.7	34.7	8.69	1.78E	2.88	2.52	26.8	7.908	12
13	10.4 B	8.828	3.888	24.2	83.2	32.0	8.19	1.68E	2.84	2.39	25.9	7.708	13
14	10.3 B	8.848	3.858	23.1	88.8	29.6	8.78	2.05E	2.47	2.27	23.3	7.558	14
15	9.968	8.588	3.849	23.3	86.7	28.8	8.38	2.38E	2.33	2.18	21.1	7.408	15
16	9.708	8.438	3.838	23.8	81.8	33.1	8.06	3.30E	2.22	2.11	18.8 B	7.208	16
17	9.508	8.308	3.838	26.2	47.1	50.8	3.81	3.15E	2.16	2.08	17.3 B	7.058	17
18	9.288	8.208	3.828	30.3	42.8	58.8	3.56	4.50E	2.08	1.99	16.6 B	6.958	18
19	9.108	8.068	3.818	32.0	39.5	53.3	3.27	4.00E	2.00	1.93	16.0 B	6.808	19
20	9.008	4.998	3.818	34.8	37.7	47.8	3.06	3.50E	1.97	2.04	15.6 B	6.608	20
21	8.808	4.808	3.818	40.5	41.4	40.3	2.84	3.60E	1.98	2.25	15.0 B	6.558	21
22	8.778	4.748	3.818	45.8	40.2	38.1	2.86	3.90E	2.06	2.33	14.5 B	6.408	22
23	8.638	4.658	3.808	49.7	38.1	30.9	2.82	5.85E	2.15	2.47	14.0 B	6.308	23
24	8.478	4.598	3.798	55.6	35.4	28.2	2.38	6.80E	2.14	2.47	13.5 B	6.208	24
25	8.408	4.578	3.788	67.1	33.6	24.8	2.30	3.70E	2.09	2.48	13.1 B	6.108	25
26	8.328	4.498	3.788	85.0	31.5	21.3	2.20	2.85E	2.08	4.07	12.5 B	6.008	26
27	8.268	4.428	3.788	133	29.0	18.4	2.63	2.74E	2.04	5.49	12.3 B	5.958	27
28	8.228	4.398	4.008	148	26.4	16.2	2.37	2.52E	1.97	4.50	11.8 B	5.838	28
29	8.208		6.808	136	24.1	14.3	2.18	2.12A	1.89	4.82	11.5 B	5.758	29
30	8.108		13.5 B	126	22.8	12.8	2.04	2.11	1.82	5.19	11.2 B	5.658	30
31	8.038		31.5 B		28.2		1.98	2.83		9.22		5.608	31
TOTAL	324.44	182.88	180.98	1 481.3	1 897.5	911.5	181.78	87.98	78.89	85.13	539.21	234.18	TOTAL
MEAN	10.5	6.82	5.19	48.7	61.2	30.4	4.90	2.84	2.63	3.07	18.0	7.55	MEAN
MAX	14.7	7.98	31.5	148	120	58.8	11.3	6.85	6.01	9.22	30.8	10.8	MAX
MIN	8.03	4.38	3.78	23.1	23.8	12.8	1.98	1.78	1.82	1.77	9.81	5.80	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.7
MAXIMUM DAILY, 148 ON APR 26
MINIMUM DAILY, 1.77 ON OCT 1
MAXIMUM INSTANTANEOUS,
164 AT 01:58 EST ON APR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 51 37 N
LONG 83 58 18 W
DRAINAGE AREA, 1 180 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	28 000	JUL	13 100
FEB	14 100	AUG	7 800
MAR	13 800	SEP	8 820
APR	126 000	OCT	8 220
MAY	184 000	NOV	48 600
JUN	78 800	DEC	30 200

TOTAL DISCHARGE, 527 000 dam³

GRAHAM CREEK AT NEPEAN - STATION NO. 02KF015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0428	0.585	0.120	0.072	0.048	0.043	0.288	0.034	0.087	---	1
2	---	---	0.0418	0.804	0.285	0.079	0.044	0.096	0.042	0.145	0.084	---	2
3	---	---	0.0408	0.767	0.476	0.088	0.042	0.045	0.034	0.034	0.061	---	3
4	---	---	0.0388	1.08	0.377	0.183	0.041	0.050	0.032	0.028	0.048	---	4
5	---	---	0.0388	0.988	0.288	0.077	0.041	0.046	0.031	0.032	0.048	---	5
6	---	---	0.0378	0.736	0.356	0.068	0.040	0.045	0.033	0.072	0.070	---	6
7	---	---	0.0388	0.582	0.882	0.058	0.093	0.033	0.032	0.034	0.087	---	7
8	---	---	0.0388	0.485	0.821	0.135	0.038	0.033	0.035	0.031	0.104	---	8
9	---	---	0.0348	0.381	0.423	0.103	0.040	0.032	0.048	0.031	0.332	---	9
10	---	---	0.0408	0.308	0.363	0.354	0.288	0.031	0.034	0.031	0.187	---	10
11	---	---	0.0388	0.282	0.355	0.236	0.048	0.033	0.032	0.037	0.188	---	11
12	---	---	0.0388	0.248	0.470	0.142	0.041	0.032	0.033	0.038	0.142	---	12
13	---	---	0.0348	0.228	0.528	0.107	0.037	0.032	0.033	0.032	0.131	---	13
14	---	---	0.0688	0.254	0.805	0.113	0.036	0.035	0.036	0.036	0.338	---	14
15	---	---	1.33 B	0.244	0.388	0.141	0.033	0.043	0.058	0.038	0.807	---	15
16	---	---	0.3668	0.256	0.308	0.124	0.033	0.033	0.039	0.113	0.850	---	16
17	---	---	0.2308	0.238	0.248	0.214	0.034	0.032	0.034	0.038	0.588	---	17
18	---	---	0.1008	0.258	0.221	0.172	0.033	0.033	0.031	0.043	0.806	---	18
19	---	---	0.1068	0.238	0.252	0.128	0.032	0.035	0.031	0.038	0.414	---	19
20	---	---	0.0908	0.187	0.191	0.107	0.031	0.088	0.030	0.317	0.805	---	20
21	---	---	0.080	0.174	0.161	0.089	0.031	0.078	0.033	0.116	0.838	---	21
22	---	---	0.068	0.160	0.138	0.128	0.031	0.042	0.078	0.082	0.388	---	22
23	---	---	0.071	0.139	0.131	0.188	0.031	0.041	0.168	0.082	0.328	---	23
24	---	---	0.073	0.131	0.117	0.108	0.031	0.038	0.033	0.048	0.261	---	24
25	---	---	0.292	0.124	0.108	0.082	0.033	0.037	0.033	0.047	0.223	---	25
26	---	---	1.31	0.118	0.118	0.087	0.038	0.035	0.041	0.045	0.263	---	26
27	---	---	1.85	0.101	0.100	0.082	0.187	0.035	0.032	0.045	0.1888	---	27
28	---	---	3.01	0.103	0.084	0.085	0.083	0.033	0.030	0.048	0.1458	---	28
29	---		2.32	0.101	0.073	0.050	0.048	0.032	0.030	0.047	0.1128	---	29
30	---		0.810	0.109	0.086	0.047	0.045	0.032	0.035	0.048	0.0888	---	30
31	---		0.888		0.079		0.044	0.033		0.056		---	31
TOTAL	---	---	13.439	10.128	8.821	3.546	1.824	1.267	1.4[illegible]	1.812	8.294	---	TOTAL
MEAN	---	---	0.434	0.338	0.285	0.118	0.052	0.041	0.048	0.058	0.276	---	MEAN
MAX	---	---	3.01	1.05	0.882	0.354	0.288	0.088	0.288	0.317	0.850	---	MAX
MIN	---	---	0.034	0.101	0.073	0.047	0.031	0.031	0.030	0.028	0.048	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 3.01 ON MAR 26
MINIMUM DAILY, 0.028 ON OCT 4
MAXIMUM INSTANTANEOUS,
8.00E AT 22:57 EST ON MAR 26

REMARKS - SEASONAL OPERATION (APR 01-DEC 15)

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 30 33 N
LONG 75 48 30 W
DRAINAGE AREA, 28.5 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	140
FEB	---	AUG	109
MAR	1 180	SEP	126
APR	875	OCT	187
MAY	783	NOV	713
JUN	305	DEC	---

GRAND RIVER AT BRANTFORD - STATION NO. 02GB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	52.5	114	31.18	120	30.8	56.8	25.8	16.8	18.0E	17.8	35.0	80.1	1
2	46.5	108	21.08	100	31.8	86.8	23.9	16.3	18.4E	18.1	25.2	80.08	2
3	39.2	87.08	21.58	93.9	31.6	63.2	22.2	16.3	18.2E	18.2	28.2	70.08	3
4	34.48	62.18	23.58	150	30.3	57.8	23.8	16.9	17.8E	17.8	35.4	48.3	4
5	37.58	37.08	33.58	323	28.6	50.6	23.3	23.7	18.0E	18.8	24.6	33.08	5
6	40.08	33.08	24.58	185	31.5	53.6	22.6	21.8	18.8E	18.3	27.8	38.78	6
7	58.08	28.58	33.38	167	30.6	43.7	21.7	19.2	17.0E	18.8	29.0	34.08	7
8	80.58	27.58	22.58	156	30.8	35.6	21.4	19.2	16.9E	18.0	32.2	32.08	8
9	82.28	26.58	26.08	120	28.8	32.9	20.8	18.0	16.7E	17.8	28.1	30.58	9
10	80.08	24.38	33.08	81.4	28.6	35.6	20.6	18.0	17.8E	18.8	29.7	30.28	10
11	78.08	24.18	44.08	88.0	27.8	34.8	20.3	18.7	17.28	27.1	28.3	30.58	11
12	74.08	24.08	52.08	84.2	32.4	34.8	19.8	17.9	17.0E	23.2	26.6	28.48	12
13	72.08	26.08	61.08	88.8	38.3	31.2	19.8	17.4	17.0E	20.7	27.6	27.48	13
14	66.08	30.08	66.08	88.6	47.3	28.0	19.2	17.8	18.0E	20.2	27.8	26.48	14
15	70.48	33.08	126 B	84.3	47.1	27.8	19.2	18.3	18.8E	20.8	48.7	26.28	15
16	88.88	31.08	201	187	43.6	27.8	18.8	26.4	18.4E	21.1	101	25.88	16
17	82.58	28.08	137	148	42.1	28.4	18.6	21.7A	18.6E	22.6	143	25.28	17
18	46.38	27.08	76.8	103	37.1	32.3	18.8	18.88	18.6E	25.8	124	24.88	18
19	46.1	25.58	67.5	83.8	31.8	38.3	18.5	18.0E	18.3E	25.0	103	24.68	19
20	38.08	24.38	64.8	75.8	30.3	39.8	20.1	18.2E	18.2E	29.5	88.7	24.48	20
21	28.88	23.88	60.6	62.8	32.3	29.8	20.3	18.4E	18.1E	32.4	73.4	24.28	21
22	28.68	23.08	44.7	48.1	30.8	64.0	19.8	18.3E	21.0A	30.8	74.8	24.08	22
23	35.58	22.78	42.5	43.4	32.1	142	20.0	18.1E	23.6	26.3	88.5	23.88	23
24	34.58	22.08	48.7	38.3	31.3	181	19.5	17.8E	20.1	27.5	92.8	23.88	24
25	37.08	21.88	64.8	34.4	29.5	119	18.8	17.4E	19.4	24.2	48.4	23.78	25
26	48.08	21.88	208	32.8	32.8	111	21.7	17.0E	18.8	26.1	48.1	23.88	26
27	63.58	21.48	238	32.0	33.1	81.7	22.8	16.8E	18.3	28.1	38.8	23.68	27
28	66.58	21.28	212	31.1	32.7	58.1	24.9	16.3E	18.2	26.0	48.3	23.48	28
29	70.08		226	29.8	31.8	38.1	21.3	16.8E	18.1	28.4	81.3	23.38	29
30	80.8		230	31.8	33.5	28.3	19.8	17.0E	18.0	26.4	105	23.28	30
31	113		197		48.8		19.1	16.8E		26.3		27.08	31
TOTAL	1 737.8	887.8	2 678.1	2 736.8	1 048.7	1 700.8	847.8	582.8	548.1	714.8	1 837.3	1 007.8	TOTAL
MEAN	56.1	34.8	93.8	91.3	33.8	56.7	20.8	18.8	18.2	23.0	84.8	32.5	MEAN
MAX	113	114	330	233	47.3	181	25.8	26.4	23.6	33.4	143	80.1	MAX
MIN	24.4	21.2	21.0	29.8	27.8	27.8	18.5	16.3	16.8	18.8	34.8	23.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 44.4
MAXIMUM DAILY, 330 ON MAR 30
MINIMUM DAILY, 18.3E ON AUG 28
MAXIMUM INSTANTANEOUS,
366 AT 17:11 EST ON MAR 29

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 07 58 N
LONG 80 16 01 W
DRAINAGE AREA, 6 210 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1942

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	150 000	JUL	55 000
FEB	83 000	AUG	50 400
MAR	248 000	SEP	47 300
APR	237 000	OCT	81 700
MAY	90 600	NOV	141 000
JUN	147 000	DEC	87 000

TOTAL DISCHARGE, 1 400 000 dam³

GRAND RIVER AT GALT - STATION NO. 02GA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.8	86.7	14.3B	71.8	23.8	42.5	18.8	15.0	15.1	14.0	20.2	70.4	1
2	25.4	52.1	14.2B	58.7	24.8	60.3	18.5	16.0	14.8	14.8	20.7	67.0	2
3	22.8	34.6B	14.7B	55.1	24.8	45.7	18.0	16.0	13.3	14.8	21.2	53.1	3
4	18.5	29.9B	14.8	121	24.1	44.9	17.8	15.8	13.1	13.9	19.8	33.8	4
5	19.0	28.2B	15.8	151	23.8	42.3	17.8	21.1	13.3	14.3	19.5	27.5	5
6	23.2	24.8B	15.2B	118	25.0	35.5	17.2	15.8	13.7	14.9	23.1	28.7B	6
7	25.2	21.0B	14.9B	104	24.1	30.3	16.8	15.3	13.7	14.8	22.7	25.6B	7
8	45.9	18.0B	14.6B	108	24.3	25.9	16.3	15.2	13.5	14.3	22.4	24.5B	8
9	62.0	15.2B	14.6B	80.2	23.8	25.5	16.1	15.1	13.3	14.0	22.3	23.5B	9
10	48.3	15.1B	16.0B	58.2	22.6	27.7	16.1	15.1	14.1	17.5	21.8	22.7B	10
11	45.1	15.0B	18.3	38.5	22.7	25.9	15.8	14.8	13.8	21.5	21.9	22.0B	11
12	46.6	15.0B	24.3	34.5	27.7	23.9	15.7	14.1	13.5	18.9	21.8	21.3B	12
13	51.5	15.5B	23.6	39.2	31.2	22.2	15.8	14.2	13.8	15.8	21.3	20.7B	13
14	47.9	19.5B	24.3	48.4	42.3	20.6	15.8	14.7	14.9	15.7	24.0	20.2B	14
15	40.8	21.5	141	65.0	34.4	20.3	15.8	15.0	15.3	16.3	48.3	19.8B	15
16	38.8	19.6	100	131	34.7	20.1	15.8	15.9	15.0	16.4	91.6	19.5B	16
17	33.7	18.8B	54.4	87.5	30.8	21.3	15.8	15.2	15.2	18.0	102	19.2B	17
18	29.6	16.8B	33.6	71.0	26.2	24.0	15.8	14.8	14.9	20.7	81.1	18.8B	18
19	26.0B	16.3B	28.0	66.3	22.0	21.2	15.9	14.2	14.7	20.7	77.1	18.7B	19
20	23.0B	15.8B	25.2	46.1	22.0	23.4	15.8	14.4	14.8	25.3	63.2	18.8B	20
21	20.5B	15.5B	24.2	32.6	24.3	22.4	16.2	14.6	14.4	24.8	58.3	18.8B	21
22	20.0B	15.2B	21.7	30.4	23.1	63.7	15.6	14.3	16.7	23.0	51.4	18.5B	22
23	21.0B	14.9B	22.5	28.8	22.5	148	15.7	14.3	17.8	22.3	41.9	18.4B	23
24	26.7	14.8B	24.4	26.4	21.7	138	15.6	14.1	14.8	21.4	38.6	18.4B	24
25	26.3	14.7B	44.9	24.2	20.7	81.0	15.7	13.8	14.7	19.0	35.9	18.3B	25
26	37.8	14.6B	132	23.4	23.8	93.7	16.8	13.4	14.9	21.4	30.9	18.3B	26
27	48.7	14.5B	121	23.4	23.6	57.1	16.9	13.1	14.6	21.2	29.2	18.2B	27
28	40.6	14.4B	137	22.9	23.8	40.6	20.3	13.3	14.5	20.6	46.5	18.2B	28
29	46.6		255	22.8	22.3	27.4	15.9	13.7	14.4	20.4	77.0	18.2B	29
30	61.2		201	24.4	28.3	21.8	15.2	13.8	14.2	20.4	70.1	18.3B	30
31	65.1		105		37.0		16.2	13.6		20.2		20.5B	31
TOTAL	1 117.4	593.7	1 710.4	1 841.3	806.6	1 288.2	513.5	464.5	433.4	570.6	1 241.5	787.3	TOTAL
MEAN	36.0	21.2	55.2	61.4	26.0	42.9	16.6	15.0	14.4	18.4	41.4	25.4	MEAN
MAX	65.1	86.7	255	151	42.3	148	20.3	21.1	17.8	25.3	102	70.4	MAX
MIN	18.5	14.4	14.2	22.8	20.7	20.1	15.2	13.1	13.1	13.9	19.5	18.2	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.1
MAXIMUM DAILY, 255 ON MAR 29
MINIMUM DAILY, 13.1 ON AUG 27
MAXIMUM INSTANTANEOUS,
284 AT 15:42 EST ON MAR 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 21 10 N
LONG 80 18 01 W
DRAINAGE AREA, 3 520 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	96 500	JUL	44 400
FEB	51 300	AUG	40 100
MAR	148 000	SEP	37 400
APR	159 000	OCT	49 300
MAY	69 700	NOV	107 000
JUN	111 000	DEC	68 000

TOTAL DISCHARGE, 982 000 dam³

GRAND RIVER AT WEST MONTROSE - STATION NO. 02GA034

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.60B	10.0 B	5.40B	29.0	7.81	10.6	6.16	5.58	5.43	4.35E	10.0 E	47.0 E	1
2	8.60B	9.00B	5.40B	20.6	7.58	9.95	6.06	5.65	5.07	4.65E	10.0 E	46.0 E	2
3	8.60B	8.00B	5.40B	31.0	7.56	8.79	6.04	5.67	4.87	4.75E	9.95E	44.5 E	3
4	8.60B	8.20B	5.40B	58.4	7.38	9.65	5.85	7.87	4.86	4.65E	9.90E	24.0 E	4
5	8.60B	8.20B	5.40B	55.0	7.82	9.26	5.60	6.63	4.80	4.25E	9.85E	13.2 E	5
6	8.00B	8.20B	5.40B	41.3	7.70	8.21	5.81	6.18	4.89	5.35E	9.80E	11.6 B	6
7	8.60B	8.20B	5.40B	53.1	7.44	7.85	5.77	5.95	4.65	4.65E	7.80E	10.7 B	7
8	8.85B	8.20B	5.40B	44.0	7.27	7.08	5.70	5.87	4.63	4.20E	5.80E	11.0 B	8
9	9.20B	8.00B	5.45B	27.8	7.00	6.78	5.81	6.06	5.26	4.15E	5.80E	11.3 B	9
10	10.0 B	6.30B	5.50B	18.5	6.94	7.82	5.84	6.13	4.80	4.15E	6.00E	11.7 B	10
11	11.0 B	5.80B	5.55B	11.2	6.83	7.00	6.02	5.34	4.62	4.25E	10.0 E	11.8 B	11
12	12.0 B	5.60B	5.80B	11.8	7.63	6.85	6.07	5.33	4.50	4.85E	12.5 E	11.5 B	12
13	12.5 B	5.70B	5.80B	12.5	14.9	6.55	6.22	5.53	4.40	5.90E	13.3 E	11.3 B	13
14	12.7 B	5.65B	7.00B	15.0	16.3	6.48	6.37	5.70	4.45	6.60E	13.5 E	11.0 B	14
15	12.7 B	5.60B	20.0 B	48.3	13.7	6.44	6.40	6.40	4.43	7.40E	16.5 E	10.0 B	15
16	12.7 B	5.60B	10.0 B	48.7	14.2	6.50	6.39	6.05	4.32	8.00E	21.8 E	9.20B	16
17	13.0 B	5.30B	7.10B	28.8	11.1	6.58	6.48	5.83	4.35	9.00E	37.0 E	8.50B	17
18	13.0 B	5.40B	7.15B	22.6	8.30	6.71	6.48	5.66	4.27	10.5 E	48.0 E	7.90B	18
19	13.0 B	5.40B	7.20B	19.5	7.33	6.75	6.53	5.88	4.19	12.0 E	55.0 E	7.60B	19
20	13.0 B	5.40B	7.20B	11.4	7.95	7.28	6.63	5.70	4.21E	13.5 E	52.0 E	7.35B	20
21	12.3 B	5.40B	7.20B	10.3	8.10	8.87	6.66	5.75	4.20E	14.5 E	29.0 E	7.10B	21
22	11.6 B	5.40B	7.15B	9.65	8.70	39.9	6.67	5.69	4.18E	15.3 E	26.0 E	7.00B	22
23	12.6 B	5.40B	7.00B	9.03	7.17	112	6.71	5.77	4.18E	13.5 E	22.8 E	7.00B	23
24	13.0 B	5.40B	6.90B	8.62	6.82	60.5	6.71	5.68	4.17E	11.0 E	15.1 E	7.00B	24
25	13.0 B	5.40B	6.00B	8.47	6.58	54.0	6.26	5.60	4.16E	8.50E	18.3 E	7.00B	25
26	12.6 B	5.40B	17.0 B	8.37	8.01	54.5	5.82	5.48	4.15E	11.0 E	10.0 E	7.00B	26
27	12.0 B	5.40B	40.7	8.15	6.87	28.2	5.87	5.18	4.14E	11.3 E	6.88E	7.00B	27
28	11.8 B	5.40B	75.7	7.94	6.75	15.2	5.76	5.20	4.13E	11.0 E	7.90E	7.00B	28
29	11.7 B		125	7.79	6.12	7.41	5.75	5.18	4.12E	10.7 E	25.0 E	7.00B	29
30	11.5 B		94.2	7.78	7.69	6.24	5.73	5.11	4.11E	10.4 E	47.8 E	7.00B	30
31	11.0 B		31.5		6.92		5.60	5.08		10.1 A		7.20B	31
TOTAL	348.15	181.05	558.20	697.55	270.35	539.15	190.35	179.60	134.54	254.55	574.08	404.45	TOTAL
MEAN	11.2	6.47	18.0	23.3	8.72	18.0	6.14	5.79	4.48	8.21	19.1	13.0	MEAN
MAX	13.0	10.0	125	58.4	16.3	112	6.71	7.87	5.43	15.3	55.0	47.0	MAX
MIN	8.00	5.30	5.40	7.78	6.12	6.24	5.60	5.08	4.11	4.15	5.80	7.00	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.9
MAXIMUM DAILY, 125 ON MAR 29
MINIMUM DAILY, 4.11E ON SEP 30
MAXIMUM INSTANTANEOUS,
127 AT 14:00 EST ON MAR 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 35 08 N
LONG 80 28 54 W
DRAINAGE AREA, 1 170 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	30 100	JUL	16 400
FEB	15 600	AUG	15 500
MAR	48 200	SEP	11 600
APR	60 300	OCT	22 000
MAY	23 400	NOV	49 600
JUN	46 600	DEC	34 900

TOTAL DISCHARGE, 374 000 dam³

GRAND RIVER BELOW SHAND DAM - STATION NO. 02GA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.08	5.16	3.45	18.7	4.78	4.83	4.82	5.00	4.00	3.84	8.82	31.6	1
2	4.14	5.26	3.43	14.2	4.78	4.88	4.83	4.88	3.88	3.81	8.82	30.4	2
3	4.13	5.38	3.41	21.1	4.80	4.81	4.88	4.88	4.00	3.88	8.51	18.8	3
4	4.08	5.40	3.41	34.0	4.80	4.90	4.78	4.87	3.88	3.88	8.88	8.00	4
5	4.00	5.37	3.41	37.0	5.13	4.88	4.78	4.82	3.87	3.71	8.87	8.01	5
6	4.12	5.34	3.38	28.1	4.91	4.82	4.78	4.88	3.83	3.87	8.78	8.87	6
7	4.18	5.38	3.38	40.8	4.86	4.81	4.78	4.80	3.80	3.88	4.30	8.12	7
8	4.27	4.28	3.46	28.3	4.86	4.82	4.78	4.80	3.80	3.84	8.28	8.87	8
9	4.88	3.80	3.83	17.8	4.81	4.83	4.78	5.10	3.88	3.88	7.82	8.88	9
10	5.44	3.88	3.83	8.82	4.78	4.83	4.80	4.48	3.87	3.83	7.88	8.80	10
11	7.02	3.83	3.84	4.87	4.77	4.84	5.00	4.18	3.84	3.81	8.83	8.88	11
12	8.18	3.84	3.81	4.84	4.13	4.88	4.84	4.12	3.84	3.88	8.78	8.78	12
13	8.13	3.80	3.48	8.11	13.1	4.88	5.18	4.12	3.84	4.88	8.77	8.72	13
14	8.10	3.48	3.81	7.88	8.88	4.88	5.17	4.10	3.87	5.18	8.33	8.88	14
15	8.07	3.47	3.82	32.8	5.18	4.88	5.17	4.12	3.88	8.87	8.18	7.88	15
16	8.48	3.21	4.85	37.8	5.77	4.83	5.17	4.08	3.81	8.43	34.4	7.47	16
17	8.84	3.48	4.87	14.3	5.87	4.81	5.18	4.07	3.78	8.83	35.4	7.08	17
18	8.82	3.48	4.87	12.8	4.87	4.88	5.18	4.08	3.78	8.38	40.1	8.80A	18
19	8.43	3.47	4.71	8.82	4.88	4.88	5.17	4.14	3.77	8.88	38.4	8.48E	19
20	7.58	3.48	4.83	4.84	5.30	4.88	5.18	4.10	3.78	8.84	18.4	8.77E	20
21	7.08	3.48	4.81	4.84	5.80	4.87	5.18	4.13	3.77	8.12	17.8	8.48E	21
22	8.44	3.47	4.87	4.81	5.20	48.4	5.18	4.10	3.71	8.88	18.8	8.48E	22
23	8.34	3.44	4.17	4.83	4.85	85.7	5.13	4.08	3.70	7.84	18.4	8.48E	23
24	8.24	3.44	4.02	4.80	4.83	48.3	5.18	4.08	3.88	8.47	18.4	8.48E	24
25	7.81	3.43	4.22	4.81	4.81	57.8	5.18	4.10	3.88	8.00	8.71	8.48E	25
26	7.80	3.42	4.18	4.84	4.83	45.4	5.16	4.04	3.88	8.18	4.80	8.48E	26
27	7.88	3.41	4.00	4.80	8.38	23.8	5.12	4.08	3.81	8.87	4.39	8.48E	27
28	7.88	3.43	47.8	4.78	8.87	10.3	5.12	4.08	3.84	8.88	18.8	8.48E	28
29	7.88		81.8	4.81	4.88	8.11	5.08	4.01	3.83	8.78	32.7	8.48E	29
30	8.88		88.4	4.82	4.82	4.78	5.04	4.01	3.83	8.73	32.4	8.18E	30
31	8.42		30.7		4.88		5.03	4.03		8.82		8.48E	31
TOTAL	207.81	110.78	331.30	421.11	174.48	438.88	155.72	134.82	114.32	183.23	425.27	284.88	TOTAL
MEAN	6.38	3.88	10.7	14.0	5.78	14.7	5.02	4.38	3.81	8.23	14.2	8.18	MEAN
MAX	8.84	5.40	81.8	40.8	13.1	85.7	5.18	5.10	4.00	8.18	40.1	31.8	MAX
MIN	4.00	3.21	3.38	8.78	4.13	4.83	4.78	4.01	3.81	3.88	4.30	4.18	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.21
MAXIMUM DAILY, 85.7 ON JUN 23
MINIMUM DAILY, 3.21 ON FEB 16
MAXIMUM INSTANTANEOUS,
107 AT 20:29 EST ON JUN 23

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 43 53 N
LONG 80 20 38 W
DRAINAGE AREA, 800 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1942

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	17 800	JUL	13 800
FEB	9 570	AUG	11 700
MAR	28 600	SEP	9 880
APR	36 400	OCT	15 700
MAY	15 800	NOV	36 700
JUN	38 000	DEC	24 600

TOTAL DISCHARGE, 259 000 dam³

GRAND RIVER NEAR DUNDALK - STATION NO. 02GA041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4708	3.85 B	0.0658	2.74	0.308	0.387	0.312	0.030	0.028	0.018	0.038	1.00 B	1
2	0.4408	3.00 B	0.0608	2.38	0.317	0.344	0.208	0.030	0.021	0.017	0.044	0.8208	2
3	0.4008	1.80 B	0.0608	3.18	0.388	0.248	0.184	0.030	0.018	0.017	0.043	0.7008	3
4	0.3858	1.10 B	0.0608	4.28	0.303	0.288	0.130	0.028	0.014	0.017	0.0708	0.8808	4
5	0.3488	0.9008	0.0608	3.27	0.381	0.243	0.187	0.031	0.014	0.018	0.1808	0.6238	5
6	0.3488	0.6808	0.0808	4.13	0.813	0.183	0.118	0.028	0.018	0.020	0.2508	0.5408	6
7	0.3268	0.5408	0.0708	3.31	0.438	0.148	0.083	0.033	0.018	0.020	0.3508	0.5308	7
8	0.4008	0.4008	0.0888	2.14	0.808	0.133	0.076	0.021	0.014	0.018	0.5008	0.4488	8
9	2.05 B	0.3488	0.0858	1.88	0.881	0.133	0.072	0.018	0.022	0.018	0.7008	0.4488	9
10	1.80 B	0.3188	0.0658	1.18	0.887	0.248	0.088	0.027	0.022	0.023	0.8208	0.3808	10
11	1.08 B	0.2858	0.0688	0.807	0.483	0.388	0.088	0.018	0.038	0.7208	0.3588	11
12	0.8088	0.2608	0.0708	0.788	4.22	0.283	0.080	0.018	0.018	0.022	0.8408	0.3288	12
13	0.8408	0.2408	0.0808	0.788	3.88	0.183	0.047	0.018	0.018	0.021	0.5488	0.3088	13
14	0.7858	0.2308	0.2008	1.44	1.80	0.180	0.042	0.020	0.018	0.038	0.5808	0.2708	14
15	0.8508	0.2158	8.00 B	2.78	1.42	0.187	0.042	0.020	0.018	0.047	1.50 E	0.3588	15
16	0.8408	0.2008	3.80 B	1.78	1.08	0.138	0.040	0.030	0.018	0.081	2.80 E	0.2378	16
17	0.8508	0.1808	3.10 B	1.48	0.788	0.123	0.038	0.030	0.020	0.084	1.90 E	0.2238	17
18	0.8508	0.1608	2.80 B	1.42	0.538	0.130	0.038	0.030	0.038	0.081	1.10 E	0.2108	18
19	0.5358	0.1458	2.30 B	1.18	0.478	0.111	0.033	0.018	0.018	0.081	0.8508	0.1958	19
20	0.9008	0.1358	2.10 B	0.928	0.638	3.88	0.038	0.018	0.008	0.084	1.20 E	0.1708	20
21	0.4808	0.1208	1.85 B	0.748	0.834	2.87	0.028	0.020	0.012	0.081	3.70 E	0.1588	21
22	0.4608	0.1108	1.80 B	0.880	0.884	8.82	0.028	0.018	0.022	0.048	3.00 E	0.1488	22
23	0.4508	0.1058	1.70 B	0.478	0.688	7.23	0.038	0.017	0.028	0.048	1.02	0.1308	23
24	0.4308	0.0958	1.60 B	0.428	0.440	3.05	0.038	0.017	0.018	0.044	0.751	0.1208	24
25	0.4208	0.0908	4.00 B	0.478	0.361	3.05	0.034	0.018	0.018	0.047	0.638	0.1108	25
26	0.8408	0.0838	7.00 B	0.488	0.518	1.80	0.034	0.013	0.018	0.045	0.822	0.1008	26
27	0.7008	0.0758	11.0 B	0.458	0.448	0.948	0.028	0.013	0.018	0.043	0.688	0.0858	27
28	0.5008	0.0708	17.0 B	0.407	0.403	0.842	0.024	0.012	0.017	0.041	0.22	0.0808	28
29	1.10 B		17.8	0.348	0.304	0.521	0.023	0.014	0.018	0.041	0.22	0.0808	29
30	1.30 B		8.35	0.329	0.258	0.443	0.021	0.018	0.017	0.038	3.70 B	0.0808	30
31	1.80 B		3.83		0.288		0.020	0.013		0.038	1.80 B	0.0808	31
TOTAL	33.848	13.228	94.881	48.353	25.457	36.874	3.081	0.868	0.528	1.114	34.472	10.012	TOTAL
MEAN	0.727	0.472	3.03	1.88	0.821	1.22	0.088	0.018	0.018	0.038	1.18	0.323	MEAN
MAX	2.05	2.85	17.8	4.28	4.22	8.82	0.312	0.031	0.035	0.081	8.22	1.00	MAX
MIN	0.328	0.070	0.080	0.328	0.258	0.111	0.020	0.012	0.008	0.017	0.038	0.080	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.788
MAXIMUM DAILY, 17.8 ON MAR 28
MINIMUM DAILY, 0.008 ON SEP 20
MAXIMUM INSTANTANEOUS
28.2 AT 22:00 EST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 08 24 N
LONG 80 21 00 W
DRAINAGE AREA, 83.8 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 950	JUL	170
FEB	1 140	AUG	80.5
MAR	8 120	SEP	46.5
APR	4 000	OCT	86.3
MAY	3 200	NOV	3 980
JUN	3 180	DEC	885

TOTAL DISCHARGE, 24 800 dam³

GRAND RIVER NEAR MARSVILLE - STATION NO. 02GA014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.788	25.0 B	0.5008	15.4	2.94	5.08	2.77	0.713	1.30	1.27	1.81	13.1	1
2	4.508	17.0 B	0.5008	12.5	2.87	4.38	2.12	0.787	1.40	1.27	1.50	8.938	2
3	4.268	12.0 B	0.5008	17.5	3.27	3.13	1.88	0.787	1.28	1.23	1.84	8.768	3
4	4.158	9.00 B	0.5008	31.3	3.08	4.48	1.40	2.83	1.10	1.23	2.06	8.928	4
5	4.008	7.40 B	0.5208	30.0	2.83	4.02	1.28	5.04	1.02	1.47	1.70	8.848	5
6	3.858	6.00 B	0.5508	24.3	4.14	2.87	1.22	2.57	1.00	1.50	2.44	5.858	6
7	3.808	5.00 B	0.6008	37.2	4.47	1.98	1.09	1.86	1.00	1.41	4.09	5.408	7
8	14.0 B	4.00 B	0.7008	21.0	4.43	1.55	0.978	1.32	0.988	1.37	5.11	5.388	8
9	14.5 B	3.40 B	0.8008	14.3	5.92	1.54	0.828	1.20	1.08	1.37	7.81	5.308	9
10	13.0 B	2.80 B	0.9008	10.2	4.80	2.01	0.893	1.07	1.11	1.52	8.77	5.208	10
11	10.0 B	2.50 B	1.10 B	7.93	3.85	2.08	0.833	1.10	1.03	2.71	7.88	5.108	11
12	7.228	2.20 B	2.60 B	7.31	10.8	1.89	0.768	1.08	0.978	2.86	6.83	4.958	12
13	6.608	2.00 B	5.40 B	7.06	32.5	1.58	0.700	1.15	0.940	2.14	5.81	4.708	13
14	6.108	1.80 B	8.00 B	8.82	18.4	1.28	0.628	1.51	1.11	2.02	6.12	4.558	14
15	5.658	1.35 B	36.0 B	27.8	10.7	1.14	0.572	1.38	1.14	4.91	21.8	4.388	15
16	5.258	1.17 B	15.0 B	21.2	7.82	1.08	0.532	1.36	1.11	5.34	85.0	4.108	16
17	5.058	1.06 B	8.00 B	15.3	6.56	1.11	0.528	1.19	1.28	4.86	47.8	3.888	17
18	4.858	0.950B	5.40 B	14.3	4.11	1.15	0.548	1.07	1.27	5.46	22.4	3.708	18
19	4.658	0.900B	4.90 B	10.8	3.22	1.12	0.587	1.02	1.25	5.33	14.2	3.508	19
20	4.558	0.850B	4.85 B	8.22	3.01	7.76	0.585	0.986	1.20	5.43	17.4	3.308	20
21	4.508	0.800B	4.50 B	6.70	7.21	18.6	0.541	0.975	1.10	6.44	31.0	3.158	21
22	4.408	0.750B	4.40 B	5.40	7.38	74.6	0.533	0.912	2.78	6.00	18.5	3.008	22
23	4.308	0.700B	4.30 B	4.44	4.83	61.3	0.517	0.905	6.41	5.16	13.4	2.908	23
24	4.258	0.650B	4.30 B	3.74	3.80	38.2	0.514	0.847	6.33	4.21	9.58	2.808	24
25	4.208	0.600B	5.00 B	3.37	2.85	46.2	0.591	0.831	2.68	3.80	7.97	2.708	25
26	4.258	0.570B	13.0 B	3.28	3.63	21.7	0.675	0.809	2.24	3.13	6.74	2.808	26
27	4.358	0.550B	35.0 B	3.13	4.86	10.7	0.716	0.794	1.78	2.82	6.95	2.578	27
28	5.008	0.520B	170	2.64	3.63	7.08	0.743	0.787	1.66	2.52	52.2	2.538	28
29	7.008		137	2.65	2.55	5.02	0.624	0.782	1.55	2.25	36.3	2.488	29
30	10.2 B		44.5	3.09	2.47	3.61	0.584	0.810	1.34	2.04	18.1	2.458	30
31	18.0 B		24.4		3.88		0.554	0.887		1.94		3.108	31
TOTAL	199.27	111.410	545.520	381.88	183.09	356.16	27.245	39.022	48.575	94.95	476.93	137.52	TOTAL
MEAN	6.43	3.98	17.6	13.1	5.91	11.9	0.879	1.26	1.62	3.06	15.9	4.44	MEAN
MAX	18.0	25.0	170	37.2	32.5	61.3	2.77	5.04	6.41	6.44	85.0	13.1	MAX
MIN	3.80	0.520	0.500	2.65	2.47	1.08	0.514	0.713	0.940	1.23	1.70	2.45	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.15
MAXIMUM DAILY, 170 ON MAR 28
MINIMUM DAILY, 0.5008 ON MAR 1
MAXIMUM INSTANTANEOUS,
188 AT 08:30 EST ON MAR 28

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 51 43 N
LONG 80 16 22 W
DRAINAGE AREA, 894 km²

B - ICE CONDITIONS

REGULATED SINCE 1963

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	17 200	JUL	3 350
FEB	9 630	AUG	3 370
MAR	47 100	SEP	4 210
APR	33 900	OCT	8 200
MAY	15 800	NOV	41 200
JUN	30 800	DEC	11 900

TOTAL DISCHARGE, 226 000 dam³

GRASSY NARROWS LAKE AT GRASSY NARROWS - STATION NO. 05QE015

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	319.486	319.247	319.060	319.072	319.293	319.293	319.263	319.242	319.053	318.810	318.925	1
2	---	319.477	319.225A	319.050	319.111	319.286	319.309	319.240	319.235	319.039	318.795	318.940	2
3	---	319.470A	319.209A	319.047	319.148	319.277	319.334	319.233	319.214	319.014	318.771	318.945	3
4	---	319.459A	319.207	319.050	319.188	319.264	319.345	319.217	319.206	318.990	318.767	318.957	4
5	---	319.459	319.190	319.047	319.242	319.239	319.356	319.193	319.206	318.982	318.767	318.988	5
6	---	319.465	319.178	319.041	319.286	319.219	319.368	319.175	319.198	318.985	318.780	318.995	6
7	---	319.461	319.174	319.032	319.284	319.200	319.368	319.161	319.184	318.969	318.785	319.005	7
8	---	319.445	319.172	319.017	319.329	319.188	319.414	319.133	319.166	318.941	318.780	319.032	8
9	---	319.445	319.158	319.015	319.365	319.174	319.431	319.118	319.172	318.937	318.787	319.064	9
10	---	319.447	319.161	319.008	319.375	319.183	319.450	319.084	319.182	318.937	318.795	319.078	10
11	---	319.443	319.159	319.003	319.389	319.119	319.451	319.079	319.140	318.934	318.822	319.084	11
12	---	319.438	319.144	318.991	319.408	319.114	319.459	319.086	319.138	318.928	318.797	319.112	12
13	---	319.422	319.136	318.983	319.417	319.126	319.495	319.063	319.122	318.918	318.786	319.131	13
14	---	319.405	319.119	318.986	319.429	319.134	319.513	319.055	319.112	318.906	318.781	319.164	14
15	---	319.387A	319.105	318.983	319.423	319.132	319.525	319.058	319.104	318.906	318.792	319.187	15
16	---	319.375A	319.086	318.981	319.417	319.132	319.533	319.065	319.100	318.912	318.792	319.210	16
17	---	319.371A	319.081	318.983	319.408	319.127	319.541	319.076	319.091	318.910	318.789	319.226	17
18	---	319.365	319.071	318.950	319.405	319.140	319.547	319.088	319.080	318.910	318.784	319.236	18
19	---	319.363	319.068	318.934	319.393	319.141	319.556	319.143	319.084	318.907	318.789	319.245	19
20	319.513A	319.357	319.080	318.921	319.386	319.132	319.560	319.171	319.086	318.902	318.810	319.259	20
21	319.520	319.358	319.085	318.906	319.373	319.156	319.559	319.168	319.088	318.894	318.783	319.271	21
22	319.520	319.340	319.082	318.897	319.355	319.165	319.553	319.206	319.100	318.892	318.787	319.282	22
23	319.516	319.335	319.052	318.884	319.326	319.180	319.540	319.225	319.089	318.885	318.790	319.293	23
24	319.502	319.332	319.060	318.880	319.286	319.189	319.520	319.226	319.084	318.878	318.792	319.302	24
25	319.512	319.324	319.055	318.894	319.327	319.207	319.492	319.233	319.103	318.876	318.814	319.307	25
26	319.513	319.305	319.053	318.913	319.326	319.218	319.484	319.262	319.094	318.872	318.825	319.293	25
27	319.517	319.284	319.048	318.935	319.311	319.227	319.428	319.256	319.095	318.859	318.850	319.296	27
28	319.517	319.271	319.044	318.963	319.311	319.241	319.378	319.258	319.105	318.858	318.883	319.297	28
29	319.511		319.038	318.994	319.303	319.261	319.341	319.258	319.087	318.847	318.894	319.287	29
30	319.512		319.042	319.032	319.300	319.277	319.312	319.255	319.065	318.836	318.911	319.284	30
31	319.504		319.042		319.298		319.288	319.241		318.818		319.304	31
MEAN	---	319.398	319.113	318.978	319.322	319.191	319.445	319.171	319.133	318.918	319.808	319.162	MEAN
MAX	---	319.486	319.247	319.050	319.426	319.293	319.560	319.268	319.242	319.053	318.911	319.307	MAX
MIN	---	319.371	319.038	318.880	319.072	319.114	319.269	319.055	319.055	318.818	318.767	318.925	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MAXIMUM DAILY, 319.560 ON JUL 20
MINIMUM DAILY, 318.767 ON NOV 4
MAXIMUM INSTANTANEOUS,
319.584 AT 20:17 CST ON JUL 20

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1928 ADJ.)
APPLY -000.183 m ADJUSTMENT TO CONVERT TO ONTARIO HYDRO PROJECT DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 05 40 N
LONG 94 01 00 W

A - MANUAL GAUGE

REGULATED

GRAVEL RIVER NEAR CAVERS - STATION NO. 02AE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.620	2.720	2.030	1.490	27.1	16.0	6.99	1.89	1.12	1.35	2.02	4.600	1
2	3.460	2.700	2.000	1.480	26.6	14.5	6.37	1.89	1.04	1.47	2.20	4.480	2
3	3.430	2.660	1.970	1.470	30.2	13.1	7.73	1.83	0.972	2.04	2.16	4.300	3
4	3.360	2.650	1.950	1.470	37.0	12.1	7.11	1.70	0.959	2.32	2.62	4.150	4
5	3.360	2.630	1.930	1.460	48.4	11.0	6.45	1.65	1.26	2.32	2.74	4.000	5
6	3.320	2.600	1.900	1.460	67.0	10.4	5.94	2.02	1.39	2.34	3.32	3.650	6
7	3.270	2.570	1.870	1.460	68.3	9.81	5.56	1.85	1.37	2.60	3.72	3.760	7
8	3.230	2.550	1.850	1.460	64.4	10.1	5.16	1.74	1.31	2.74	4.20	3.650	8
9	3.200	2.530	1.830	1.460	49.1	10.3	4.91	1.63	1.23	2.71	11.6	3.630	9
10	3.160	2.510	1.810	1.440	49.6	10.3	4.80	1.57	1.17	2.64	17.7	3.430	10
11	3.150	2.480	1.790	1.440	60.3	10.1	4.44	1.50	1.08	2.62	17.0	3.320	11
12	3.130	2.470	1.760	1.460	51.2	9.43	4.16	1.42	1.04	2.58	15.1	3.220	12
13	3.100	2.440	1.740	1.480	54.3	9.05	3.97	1.35	0.987	2.61	13.3	3.130	13
14	3.080	2.410	1.720	1.490	58.6	9.66	3.78	1.28	0.892	2.46	12.1	3.040	14
15	3.060	2.390	1.710	1.520	58.3	10.3	3.49	1.24	0.817	2.37	10.8	2.960	15
16	3.030	2.370	1.690	1.580	54.6	9.67	3.29	1.15	0.688	2.28	8.80	2.870	16
17	3.020	2.340	1.660	1.670	48.0E	8.95	3.11	1.07	0.662	2.21	8.058	2.800	17
18	3.010	2.310	1.660	1.740	42.2E	8.29	3.03	1.02	0.629	2.09	7.560	2.720	18
19	3.000	2.280	1.640	1.950	38.9E	7.78	2.91	0.956	0.675	1.97	7.208	2.650	19
20	2.960	2.270	1.620	2.260	33.2	7.11	2.75	1.16	1.34	1.90	6.850	2.580	20
21	2.880	2.250	1.600	2.720	30.7	6.61	2.57	1.24	1.64	1.85	6.550	2.510	21
22	2.840	2.230	1.580	3.500	27.5	6.89	2.48	1.16	1.78	1.84	6.258	2.450	22
23	2.820	2.200	1.560	4.350	24.9	5.45	2.77	1.26	1.82	1.78	6.058	2.390	23
24	2.800	2.170	1.560	5.700	23.3	7.43	2.61	1.32	1.78	1.73	5.858	2.330	24
25	2.800	2.150	1.550	7.500	23.8	9.62	2.26	1.16	1.68	1.71	5.659	2.260	25
26	2.860	2.130	1.540	10.7 B	26.8	10.0	2.12	1.08	1.60	1.88	5.469	2.220	26
27	2.840	2.100	1.520	14.5	25.8	10.1	1.98	1.03	1.65	1.86	5.259	3.160	27
28	2.820	2.070	1.510	20.8	23.6	10.2	1.86	0.966	1.47	1.63	5.058	2.120	28
29	2.780		1.500	25.7	21.3	10.2	1.74	1.06	1.40	1.60	4.908	2.068	29
30	2.770		1.500	27.2	19.4	9.60	1.64	1.16	1.36	1.72	4.758	2.028	30
31	2.740		1.490		17.7		1.52	1.14		1.80		1.980	31
TOTAL	95.34	67.22	53.09	153.88	1 211.8	282.95	123.32	42.432	37.711	64.46	214.89	83.95	TOTAL
MEAN	3.08	2.40	1.71	5.13	39.1	9.77	3.86	1.37	1.26	2.08	7.16	3.02	MEAN
MAX	3.52	2.72	2.03	27.2	68.3	16.0	8.89	2.02	1.82	2.74	17.7	4.60	MAX
MIN	2.74	2.07	1.49	1.46	17.7	6.48	1.52	0.956	0.629	1.35	2.02	1.89	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 6.71
MAXIMUM DAILY, 68.3 ON MAY 7
MINIMUM DAILY, 0.629 ON SEP 18
MAXIMUM INSTANTANEOUS
72.1 AT 05:35 EST ON MAY 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 55 34 N
LONG 87 41 27 W
DRAINAGE AREA, 618 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 240	JUL	10 700
FEB	5 810	AUG	3 670
MAR	4 590	SEP	3 260
APR	13 300	OCT	5 570
MAY	105 000	NOV	18 500
JUN	25 300	DEC	8 080

TOTAL DISCHARGE, 212 000 dam³

GREENWATER CREEK AT OUTLET OF GREENWATER LAKE - STATION NO. 02AB012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	2.40	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---	---	---	---	---	---	---	---	---	---	---	---	30
31	---	---	---	---	---	---	---	---	---	---	---	---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 38 28 N
LONG 90 27 21 W
DRAINAGE AREA, 174 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED SINCE 1963

GRINDSTONE CREEK NEAR ALDERSHOT - STATION NO. 02HB012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4408	0.8408	0.2188	1.88	0.312	0.873	0.281	0.086	0.333	0.087	0.100	0.3508	1
2	0.4088	0.4488	0.2228	1.85	0.438	0.728	0.203	0.083	0.082	0.082	0.100	0.3008	2
3	0.3848	0.4488	0.2408	1.80	0.417	0.587	0.178	0.080	0.081	0.082	0.092	0.2808	3
4	0.3678	0.4188	0.2608	2.88	0.374	0.588	0.173	0.072	0.080	0.087	0.089	0.2688	4
5	0.3888	0.3888	0.2808	2.23	0.381	0.444	0.188	0.083	0.088	0.080	0.087	0.2588	5
6	0.4258	0.3728	0.2608	1.77	0.382	0.382	0.188	0.082	0.080	0.084	0.206	0.2478	6
7	0.4808	0.3608	0.3208	1.58	0.495	0.343	0.143	0.048	0.088	0.086	0.483	0.2408	7
8	0.8008	0.3488	0.4808	1.31	0.536	0.274	0.137	0.080	0.084	0.084	0.484	0.2328	8
9	0.5208	0.3388	0.8008	1.18	0.453	0.347	0.113	0.048	0.088	0.082	0.488	0.2308	9
10	0.4088	0.3308	1.30 E	1.02	0.388	0.298	0.106	0.088	0.084	0.100	0.370	0.2258	10
11	0.3808	0.3228	2.30 E	0.928	0.471	0.247	0.087	0.048	0.083	0.087	0.288	0.2238	11
12	0.4408	0.3408	2.00 E	0.845	1.38	0.238	0.084	0.048	0.081	0.082	0.223	0.2168	12
13	0.4788	0.3658	1.10 E	0.813	1.18	0.218	0.080	0.047	0.047	0.078	0.192	0.2108	13
14	0.4008	0.4208	0.8008	0.822	0.807	0.302	0.073	0.048	0.088	0.075	0.288	0.2088	14
15	0.3608	0.4858	1.70 E	0.888	0.880	0.180	0.088	0.241	0.072	0.078	0.838	0.2008	15
16	0.3218	0.4208	0.803	0.787	0.804	0.217	0.080	0.188	0.108	0.130	1.24	0.1888	16
17	0.2808	0.3708	0.613	0.788	0.533	0.244	0.058	0.105	0.088	0.128	0.788	0.1868	17
18	0.2708	0.3208	0.534	0.807	0.487	0.280	0.083	0.078	0.072	0.092	0.487	0.1848	18
19	0.2608	0.2958	0.748	0.728	0.454	0.278	0.080	0.072	0.081	0.247	0.388	0.1928	19
20	0.2708	0.3408	0.658	0.812	0.478	0.388	0.130	0.078	0.080	0.804	0.393	0.1908	20
21	0.2628	0.3728	0.445	0.617	0.515	0.334	0.074	0.087	0.080	0.288	0.370	0.1888	21
22	0.2568	0.3468	0.877	0.481	0.458	1.55	0.072	0.078	0.421	0.184	0.2708	0.1868	22
23	0.2228	0.3128	0.743	0.421	0.435	1.37	0.081	0.073	0.324	0.138	0.2308	0.1848	23
24	0.2088	0.2868	0.787	0.403	0.451	0.988	0.086	0.082	0.182	0.118	0.2238	0.1838	24
25	0.2028	0.2858	2.85	0.383	0.418	1.78	0.088	0.088	0.147	0.113	0.228	0.1828	25
26	0.5808	0.2428	4.38	0.383	0.483	1.18	0.088	0.081	0.078	0.101	0.222	0.1818	26
27	0.5208	0.2288	2.74	0.328	0.384	0.718	0.112	0.080	0.084	0.088	0.244	0.1808	27
28	0.4688	0.2208	3.81	0.314	0.330	0.880	0.084	0.071	0.082	0.087	0.747	0.1808	28
29	0.5008		4.14	0.314	0.283	0.488	0.078	0.084	0.082	0.093	0.851	0.1838	29
30	0.6808		3.03	0.314	0.492	0.373	0.071	0.088	0.080	0.092	0.388	0.1928	30
31	0.5808		2.81		0.852		0.083	0.048		0.123		0.2208	31
TOTAL	13.382	9.974	41.048	29.080	16.448	16.308	3.228	2.188	2.899	3.585	11.083	6.712	TOTAL
MEAN	0.488	0.358	1.32	0.889	0.531	0.544	0.104	0.071	0.097	0.116	0.388	0.217	MEAN
MAX	0.880	0.540	4.38	2.88	1.38	1.78	0.281	0.241	0.421	0.804	1.24	0.192	MAX
MIN	0.202	0.220	0.218	0.314	0.283	0.180	0.080	0.048	0.040	0.082	0.087	0.140	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.424
MAXIMUM DAILY, 4.38 ON MAR 26
MINIMUM DAILY, 0.040 ON SEP 4
MAXIMUM INSTANTANEOUS,
5.08 AT 02:17 EST ON MAR 26

SUMMARY FOR THE YEAR 1969

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 18 03 N
LONG 79 52 10 W
DRAINAGE AREA, 82.6 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 070	JUL	278
FEB	842	AUG	180
MAR	3 180	SEP	250
APR	2 410	OCT	311
MAY	1 470	NOV	885
JUN	1 410	DEC	580

TOTAL DISCHARGE, 13 400 dam³

GROUNDHOG RIVER AT FAUQUIER - STATION NO. 04LD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	70.08	84.08	82.08	41.58	4708	428	188	44.1	51.7	53.2	128	84.08	1
2	68.58	84.08	88.58	43.88	5108	400	143	44.7	48.8	51.8	158	80.58	2
3	67.08	83.88	85.08	44.28	5858	377	131	45.7	49.3	50.8	183	77.58	3
4	66.08	82.48	78.08	45.58	6008	358	130	50.3	48.1	50.2	141	76.08	4
5	64.88	81.88	73.68	47.08	7208	337	128	56.3	44.2	48.8	136	72.98	5
6	64.08	80.48	69.58	46.58	788	317	117	84.7	45.0	47.8	141	70.58	6
7	63.78	80.08	64.08	50.08	747	288	108	73.8	43.5	48.2	158	68.58	7
8	63.08	88.58	60.08	52.08	687	279	101	78.4	43.7	52.0	161	66.58	8
9	62.28	88.28	58.58	54.08	658	284	94.8	77.0	44.1	55.4	159	65.08	9
10	61.08	86.88	58.08	58.08	640	407	102	71.1	45.0	58.4	182	63.58	10
11	59.58	85.08	49.08	58.18	614	468	148	65.0	45.8	55.3	186	62.08	11
12	58.58	84.28	46.08	60.28	593	462	183	60.2	45.8	54.8	182	60.08	12
13	57.08	84.08	43.08	63.58	580	438	148	56.2	44.8	54.7	182	58.58	13
14	56.08	84.08	42.08	64.58	611	402	132	54.0	43.2	55.0	145	57.08	14
15	55.08	84.08	42.08	65.38	628	387	118	55.6	41.9	53.5	138	56.08	15
16	54.28	84.08	42.38	68.08	646	338	108	55.1	40.1	53.2	133 E	55.08	16
17	53.58	83.88	42.58	70.58	636	313	98.4	59.5	38.0	50.6	133 E	54.08	17
18	52.88	83.88	43.38	78.08	609	301	88.8	67.3	37.7	49.4	135 E	53.48	18
19	52.38	81.88	43.88	79.58	588	282	83.8	63.8	35.8	48.1	142 E	52.68	19
20	52.08	80.58	44.08	85.08	588	279	76.3	61.8	34.2	47.8	147 E	52.38	20
21	52.08	80.58	43.88	92.08	819	263	68.8	61.5	33.8	51.6	142 E	51.78	21
22	53.58	81.08	43.78	101 E	832	248	63.8	62.7	34.2	59.4	134 E	51.28	22
23	54.28	82.08	43.38	111 E	887	236	58.8	64.0	34.2	67.3	127 E	50.88	23
24	82.08	85.08	43.08	123 E	802	226	55.8	63.0	40.8	74.7	116 E	50.48	24
25	72.08	86.08	42.38	135 E	738	220	53.0	61.8	46.7	83.7	112 E	50.08	25
26	80.08	81.08	41.58	150 E	682	209	50.7	58.8	52.8	93.8	106 E	49.88	26
27	86.08	82.58	40.88	214 E	645	204	48.7	57.4	57.5	102	102 E	49.88	27
28	92.08	83.88	40.28	270 E	594	188	48.2	56.9	58.7	104	96.08	49.48	28
29	94.08		40.08	325 E	546	190	48.0	57.3	57.8	101	91.08	49.28	29
30	94.08		40.28	420 E	600	172	44.2	57.8	55.6	97.8	88.08	48.28	30
31	94.08		40.68		482		43.8	57.1		102		48.58	31
TOTAL	2 035.4	2 438.0	1 818.7	3 122.9	18 848	8 318	2 850.7	1 883.4	1 347.0	1 874.1	4 082.0	1 834.2	TOTAL
MEAN	85.7	87.1	52.2	104	840	311	95.2	60.8	44.9	83.7	136	59.2	MEAN
MAX	94.0	94.0	93.0	420	887	488	183	78.4	58.7	104	188	84.0	MAX
MIN	52.0	80.8	40.0	41.8	482	172	43.8	44.1	33.8	47.8	88.0	48.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 144
MAXIMUM DAILY, 887 ON MAY 23
MINIMUM DAILY, 33.8 ON SEP 21
MAXIMUM INSTANTANEOUS,
888 AT 00:53 EST ON MAY 23

SUMMARY FOR THE YEAR 1969

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 18 07 N
LONG 82 02 38 W
DRAINAGE AREA, 11 800 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	178 000	JUL	255 000
FEB	211 000	AUG	163 000
MAR	140 000	SEP	118 000
APR	270 000	OCT	171 000
MAY	1 710 000	NOV	361 000
JUN	805 000	DEC	158 000

TOTAL DISCHARGE, 4 830 000 dam³

GULL RIVER AT NORLAND - STATION NO. 02HF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.1	10.6	6.70	36.0	16.3	17.7	16.6	20.4	16.4	12.6	9.69	24.7	1
2	13.0	9.58	6.82	38.2	16.4	17.1	16.6	20.0	16.1	12.6	10.0	24.8	2
3	12.6	8.33	7.01	36.0	20.2	16.8	16.5	20.1	15.3	12.6	10.2	24.6	3
4	12.58	8.06B	7.11	38.4	25.0	16.6	15.9	20.0	14.6	12.6	9.67	24.2	4
5	12.48	7.85B	6.92	40.3	28.2	16.1	15.6	20.8	13.4	12.6	9.80	24.1	5
6	12.4	7.23	6.79	40.4	34.1	13.9	15.3	21.3	13.0	12.5	9.82	23.7	6
7	12.0	6.84	6.72B	37.2	45.2	13.6	15.7	21.8	12.7	12.6	9.83	23.5	7
8	12.2	6.75B	6.65B	34.3	52.3	13.6	16.2	22.0	12.6	12.4	10.0	23.0	8
9	12.3	6.65B	6.55B	33.0	51.6	14.2	16.4	20.1	12.5	12.1	11.1	22.7	9
10	12.3	6.48B	6.70B	27.7	51.7	14.4	16.6E	17.2	12.4	12.1	11.7	22.4	10
11	12.3	6.37B	6.55	18.3	51.1	15.2	16.6	17.9	12.4	13.8	11.6	22.1	11
12	12.4	6.28B	6.45	16.7	51.6	15.7	20.0	18.1	12.3	15.8	12.1	21.6	12
13	12.5	6.20B	6.32	16.5	53.1	15.6	26.7	17.6	12.4	14.2	12.3	21.5	13
14	12.4	6.24	6.28	21.1	54.5	15.0	28.2	17.4	12.6	13.1	12.6	21.2	14
15	12.3	6.26	7.03	21.7	55.0	14.6	28.3	16.2	12.7	12.3	13.1	20.6	15
16	12.2	6.29	7.31	21.5	55.4	14.2	24.8	14.2	12.6	11.7	16.8	20.5	16
17	12.4	6.10B	8.01	24.5	56.0	14.4	23.8	14.3	12.8	10.8	20.4	19.6	17
18	12.5	6.00B	8.82	27.3	55.0	15.0	23.2	14.1	12.8	10.5	20.6	19.2	18
19	12.4	6.27	8.02	27.0	53.1	15.4	22.8	13.6	12.7	10.2	21.3	18.9	19
20	12.38	6.34	9.30	26.6	40.2	17.2	23.0	13.2	12.7	10.3	21.8	18.5	20
21	12.4	6.51	9.53	26.0	33.3	20.3	23.4	13.4	12.5	10.3	22.5	18.1	21
22	12.3	6.60B	9.55	25.4	25.2	21.3	23.1	13.6	13.3	9.84	22.8	17.7	22
23	12.2	6.65B	9.52	24.6	24.6	21.6	24.8	13.4	14.1	9.44	23.0	17.3	23
24	12.2	6.65B	9.41	20.7	27.7	21.1	24.2	13.2	14.0	9.26	23.3	16.8	24
25	12.1	6.71	9.47	20.4	24.5	20.4	23.3	12.9	14.0	9.29	23.2	16.5	25
26	12.0	6.70B	9.56	21.1	22.1	20.1	22.6	12.9	11.8	9.38	23.3	16.2	26
27	12.1	6.65B	9.64	21.3	19.6	19.7	22.1	12.8	10.6	9.48	23.2	15.9	27
28	11.8	6.62B	11.4	22.1	18.7	17.9	22.2	12.7	11.2	9.47	24.2	15.6	28
29	12.0		17.8	23.1	18.6	16.3	21.8	12.6	11.8	9.14	24.4	15.3	29
30	11.8		24.6	21.8	17.7	15.6	21.2	13.0	12.3	8.84	24.7	15.0	30
31	11.8		32.6		16.9		20.8	15.5		8.91		15.0	31
TOTAL	381.7	192.72	206.68	805.0	1 137.6	502.3	694.7	508.7	390.6	350.45	488.11	621.1	TOTAL
MEAN	12.3	6.88	8.67	26.8	36.7	16.7	21.1	16.3	13.0	11.3	15.6	20.0	MEAN
MAX	13.1	10.6	32.6	40.4	56.4	21.6	28.7	22.0	16.4	15.4	24.7	24.7	MAX
MIN	11.8	6.00	6.28	16.7	16.4	13.6	15.3	12.7	10.6	8.84	9.82	15.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.4
MAXIMUM DAILY, 56.4 ON MAY 16
MINIMUM DAILY, 6.00B ON FEB 18
MAXIMUM INSTANTANEOUS,
56.6 AT 12:30 EST ON MAY 16

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 43 55 N
LONG 78 49 05 W
DRAINAGE AREA, 1 280 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	33 000	JUL	66 800
FEB	16 700	AUG	43 800
MAR	26 600	SEP	33 700
APR	88 600	OCT	30 300
MAY	98 300	NOV	43 100
JUN	43 400	DEC	53 700

TOTAL DISCHARGE, 548 000 dam³

HALFWAY CREEK AT MOOSONEE - STATION NO. 04KA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2388	0.1188	0.0708	0.0648	0.1858	3.47	0.584	0.500E	0.838E	2.08	1.30	0.8408	1
2	0.2318	0.1148	0.0688	0.0588	0.4088	3.33	0.588	0.460E	0.848E	1.88	1.28	0.8008	2
3	0.2268	0.1128	0.0678	0.0578	0.6808	3.11	0.544	0.480E	0.838E	1.88	1.01	0.807	3
4	0.2218	0.110	0.0678	0.0598	0.8208	2.87	0.554	0.520E	0.820E	2.50	1.31	0.8208	4
5	0.2188	0.1088	0.0688	0.0598	2.44 B	2.83	0.550	0.580E	0.810E	2.64	1.18	0.7808	5
6	0.2148	0.1078	0.0658	0.058	4.60 B	2.48	0.585	0.520E	0.500E	2.63	1.13	0.7208	6
7	0.2108	0.1068	0.0638	0.0588	7.80 B	2.43	0.800E	1.10 E	0.470E	2.89	1.17	0.6708	7
8	0.2068	0.1048	0.0648	0.0638	7.60 B	2.38	1.05 E	1.09 E	0.410E	3.85	1.22	0.630	8
9	0.2028	0.1028	0.0658	0.0608	7.30 B	2.18	1.17 E	1.06 E	0.360E	3.78	1.21	0.576	9
10	0.1988	0.1008	0.064	0.060	6.32 B	2.21	1.18 E	1.07 E	0.300E	3.83	1.26	0.8508	10
11	0.1938	0.0988	0.048	0.0628	5.10 B	2.08	1.18 E	1.01 E	0.270E	3.15	1.28	0.5108	11
12	0.1878	0.0958	0.050	0.0648	5.68	1.85	1.36 E	0.960E	0.248E	2.80	1.19	0.4808	12
13	0.1818	0.0938	0.032	0.0688	6.84	1.78	1.46 E	0.810E	0.361A	2.66	1.18 B	0.4658	13
14	0.1768	0.0928	0.026	0.0688	7.26	1.70	1.36 E	0.680E	0.364	2.56	1.11 B	0.4258	14
15	0.1728	0.0918	0.022	0.0708	7.48	1.57	1.10 E	0.670E	0.381	2.37	1.05	0.4008	15
16	0.1688	0.0908	0.034	0.0728	7.08	1.42	0.850E	0.650E	0.382	2.10	1.03	0.3808	16
17	0.1638	0.0888	0.033	0.0748	6.63	1.31	0.810E	0.630E	0.427	1.86	0.851	0.3608	17
18	0.1588	0.0868	0.028	0.0778	8.57	1.21	0.710E	0.600E	0.328	1.88	1.04	0.3408	18
19	0.1558	0.0848	0.017	0.0808	8.38	1.15	0.680E	0.740E	0.314	1.72	1.18	0.3308	19
20	0.1508	0.0828	0.028	0.0848	8.07	1.10	0.810E	0.980E	0.487	1.62	1.32	0.3088	20
21	0.145	0.0808	0.0278	0.0678	5.80	1.01	0.880E	0.880E	0.830	1.80	1.32 B	0.2888	21
22	0.1448	0.0788	0.0308	0.0928	5.58	0.948	0.845E	0.880E	1.32	1.57	1.30 B	0.2658	22
23	0.1428	0.0768	0.0348	0.0958	5.51	0.851	0.510E	0.840E	2.90	1.52	1.28	0.2558	23
24	0.140	0.0758	0.0378	0.1008	5.58	0.818	0.470E	0.630E	3.38	1.44	1.23 B	0.238	24
25	0.1378	0.0788	0.0408	0.1068	5.24	0.808	0.408E	0.810E	3.41	1.38	1.20 B	0.233	25
26	0.1338	0.0748	0.0448	0.1108	4.98	0.774	0.800E	0.880E	3.14	1.35	1.18 B	0.2208	26
27	0.1308	0.0738	0.0478	0.1188	4.73	0.761	0.670E	0.860E	2.74	1.30	1.11 B	0.2158	27
28	0.1278	0.0718	0.0498	0.1228	4.38	0.761	0.650E	0.820E	2.43	1.28	1.07 B	0.2068	28
29	0.1248		0.0518	0.1308	4.28	0.672	0.610E	0.808E	2.33	1.21	1.03 B	0.2008	29
30	0.1228		0.0538	0.1388	4.14	0.630	0.560E	0.610E	2.23	1.18	0.9808	0.1928	30
31	0.1208		0.0538		3.61		0.540E	0.620E		1.22		0.1878	31
TOTAL	5.230	2.688	1.414	2.398	158.303	60.288	23.803	22.718	33.053	65.84	35.051	13.814	TOTAL
MEAN	0.172	0.092	0.048	0.080	5.11	1.88	0.771	0.733	1.10	2.11	1.17	0.449	MEAN
MAX	0.238	0.118	0.078	0.138	7.80	3.47	1.46	1.10	3.41	3.78	1.32	0.840	MAX
MIN	0.120	0.071	0.017	0.058	0.185	0.838	0.408	0.480	0.248	1.18	0.851	0.187	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.16
MAXIMUM DAILY, 7.80B ON MAY 7
MINIMUM DAILY, 0.017 ON MAR 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 15 18 N
LONG 80 38 14 W
DRAINAGE AREA, 133 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	481	JUL	1 070
FEB	224	AUG	1 880
MAR	122	SEP	2 880
APR	207	OCT	5 680
MAY	13 700	NOV	3 030
JUN	4 340	DEC	1 200

TOTAL DISCHARGE, 35 800 dam³

HARMONY CREEK AT OSHAWA - STATION NO. 02HD013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1108	0.3008	0.0448	0.332	0.282	0.536	0.038	0.038	1.08	0.042	0.188	0.2008	1
2	0.0888	0.2008	0.0438	0.228	0.882	0.857	0.038	0.203	0.041	0.337	0.388	0.2258	2
3	0.0818	0.1408	0.0428	0.825	0.407	0.288	0.038	0.030	0.039	0.041	0.218	0.1908	3
4	0.0678	0.0858	0.0418	2.04	0.276	0.302	0.034	0.808	0.028	0.045	0.150	0.1858	4
5	0.0858	0.0878	0.0408	0.786	0.877	0.182	0.038	0.093	0.021	0.047	0.132	0.2008	5
6	0.0648	0.0828	0.0388	0.580	1.58	0.123	0.034	0.043	0.021	0.088	0.358	0.1508	6
7	0.0838	0.0788	0.0388	0.483	1.28	0.181	0.034	0.028	0.282	0.047	0.858	0.1308	7
8	1.00 B	0.0778	0.0388	0.324	0.898	0.142	0.033	0.034	0.247	0.048	0.831	0.1158	8
9	0.4008	0.0758	0.0378	0.327	0.478	0.182	0.033	0.024	0.048	0.050	0.720	0.1068	9
10	0.1408	0.0748	0.0368	0.278	0.344	0.127	0.032	0.022	0.031	0.536	0.380	0.1308	10
11	0.1308	0.0738	0.0368	0.261	0.824	0.081	0.027	0.021	0.027	0.172	0.348	0.1108	11
12	2.00 B	0.0728	0.0358	0.311	2.38	0.068	0.027	0.022	0.028	0.088	0.404	0.0958	12
13	1.00 B	0.0718	0.0358	0.717	0.810	0.054	0.028	0.023	0.026	0.054	0.536	0.0778	13
14	0.8508	0.1308	0.1508	0.421	0.471	0.058	0.026	0.023	0.205	0.299	1.49	0.0848	14
15	0.4808	0.1008	1.00 B	0.748	0.323	0.085	0.030	0.088	0.083	0.218	3.23	0.0548	15
16	0.4108	0.0868	0.2308	0.611	0.288	0.103	0.028	0.051	0.103	0.278	2.98	0.0448	16
17	0.3608	0.0628	0.1108	0.482	0.223	0.833	0.031	0.023	0.051	0.388	0.971	0.0358	17
18	0.2208	0.0608	0.1008	0.485	0.188	0.262	0.028	0.022	0.035	0.184	0.532	0.0308	18
19	0.1608	0.0788	0.0978	0.327	0.163	0.113	0.036	0.021	0.031	0.122	0.432	0.0268	19
20	0.1008	0.0778	0.0858	0.271	0.378	0.833	0.028	0.145	0.038	0 815	3.80	0.0258	20
21	0.0788	0.4008	0.0838	0.248	0.300	0.487	0.034	0.033	0.027	0.478	1.80	0.0238	21
22	0.0738	0.1218	0.0828	0.228	0.178	1.07	0.022	0.025	2.48	0.244	0.5818	0.0218	22
23	0.0708	0.0648	0.0818	0.187	0.138	0.380	0.020	0.026	0.488	0.162	0.3598	0.0208	23
24	0.0698	0.0608	0.3008	0.210	0.107	0.210	0.018	0.022	0.085	0.128	0.2518	0.0188	24
25	0.0678	0.0518	1.80 B	0.221	0.089	0.138	0.021	0.021	0.068	0.110	0.247	0.0188	25
26	2.62 B	0.0488	1.30 B	0.223	0.218	0.088	0.238	0.021	0.054	0.085	0.283	0.0178	26
27	0.7808	0.0478	0.8708	0.218	0.108	0.070	0.278	0.023	0.047	0.086	0.386	0.0178	27
28	0.5708	0.0488	0.8308	0.218	0.086	0.058	0.048	0.023	0.042	0.078	1.27	0.0178	28
29	0.8508		0.7808	0.202	0.078	0.043	0.038	0.022	0.043	0.078	0.4878	0.0178	29
30	1.00 B		0.581	0.292	0.328	0.040	0.022	0.022	0.042	0.072	0.3008	0.0178	30
31	0.4408		0.483		0.848		0.034	0.031		0.444		0.0808	31
TOTAL	14.083	3.918	8.388	13.031	15.278	7.718	1.377	1.808	5.801	5.735	24.481	3.408	TOTAL
MEAN	0.454	0.104	0.302	0.434	0.493	0.257	0.044	0.058	0.193	0.185	0.818	0.078	MEAN
MAX	2.62	0.400	1.80	2.04	2.38	1.07	0.278	0.808	2.48	0.815	3.80	0.225	MAX
MIN	0.087	0.048	0.038	0.187	0.078	0.040	0.018	0.021	0.021	0.042	0.132	0.017	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.385
MAXIMUM DAILY, 3.80 ON NOV 20
MINIMUM DAILY, 0.0178 ON DEC 26
MAXIMUM INSTANTANEOUS,
28.8 AT 22:06 EST ON SEP 23

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 53 15 N
LONG 78 49 30 W
DRAINAGE AREA, 41.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 220	JUL	118
FEB	252	AUG	168
MAR	808	SEP	801
APR	1 130	OCT	496
MAY	1 320	NOV	2 110
JUN	687	DEC	208

TOTAL DISCHARGE, 8 990 dam³

HIGHLAND CREEK NEAR WEST HILL - STATION NO. 02HC013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.363	0.478	0.326	0.626	0.488	1.35	0.382	0.384	5.01	0.378	1.07	0.583	1
2	0.431	0.280	0.327	0.548	3.49	8.81	0.385	8.45	0.710	3.34	1.18	0.599	2
3	0.388	0.304	0.338	2.87	0.615	0.772	0.403	0.894	0.368	0.435	0.896	0.413	3
4	0.387	0.285	0.350	3.93	0.388	2.08	0.430	15.6	0.337	0.332	0.419	0.442	4
5	0.584	0.312	0.440	1.01	4.18	0.521	0.563	1.46	0.355	0.338	0.412	0.574	5
6	0.581	0.377	0.3888	0.717	1.83	0.502	0.484	0.502	0.377	0.877	2.33	0.858	6
7	0.860	0.340	0.3528	0.824	3.35	0.612	0.634	0.389	2.78	0.310	8.23	0.823	7
8	3.21	0.288	0.4408	0.853	0.868	1.13	0.454	0.381	1.11	0.305	2.47	0.458	8
9	0.563	0.333	0.5188	0.870	0.514	0.588	0.391	0.407	0.450	0.288	0.03	0.429	9
10	0.473	0.482	0.9818	0.538	0.487	0.800	0.397	0.418	0.378	5.98	0.882	0.448	10
11	0.403	0.487	0.784	0.484	2.58	0.418	0.402	0.450	0.368	1.38	1.18	0.442	11
12	1.17	0.382	0.8488	0.841	5.78	0.428	0.390	0.406	0.367	0.411	0.906	0.421	12
13	0.710	0.648	0.605	2.35	1.14	0.428	0.397	0.387	0.430	0.366	0.523	0.413	13
14	0.418	1.85	1.17	0.643	0.686	0.418	0.418	0.383	1.43	2.88	5.58	0.4088	14
15	0.542	0.414	2.08	1.87	0.589	0.484	0.388	2.01	1.02	1.32	8.00	0.4028	15
16	0.633	0.323	0.880	0.880	0.588	1.04	0.372	1.15	1.58	1.38	4.38	0.3888	16
17	0.523	0.348	0.803	0.684	0.530	2.17	0.377	0.443	1.34	3.10	1.14	0.3828	17
18	0.481	0.318	0.858	0.851	0.502	1.27	0.401	0.398	0.402	1.00	0.906	0.3808	18
19	0.518	0.318	1.18	0.803	0.486	0.498	0.381	0.388	0.367	1.31	0.710	0.3858	19
20	0.500	0.328	0.908	0.588	1.85	8.71	0.478	1.83	0.378	12 1	3.37	0.3828	20
21	0.334	2.04	1.46	0.857	0.783	0.705	0.401	0.881	0.388	2.82	1.08 B	0.3808	21
22	0.376	0.737	0 909	0.525	0.418	2.17	0.380	0.458	13.1	0.723	0.8818	0.3788	22
23	0.400	0.388	1.88	0.497	0.410	0.818	0.387	0.425	3.18	0.478	0.5898	0.3768	23
24	0.388	0.321	2.33	0.488	0.421	0.497	0.368	0.381	0.838	0.438	0.808	0.3738	24
25	0.383	0.307	4.88	0.838	0.413	0.448	0.888	0.371	0.444	0.402	0.887	0.3708	25
26	3.30 B	0.381	1.82	0.532	0.838	0.442	1.53	0.378	0.380	0.381	0.837	0.4208	26
27	0.8178	0.553	1.28	0.501	0.372	0.488	3.00	0.377	0.373	0.380	0.838	0.4408	27
28	0.434	0.434	1.28	0.481	0.327	0.418	0.754	0.383	0.401	0.371	3.83	0.4808	28
29	0.851		0.978	1.28	0.327	0.387	0.388	0.405	0.413	0.370	0.813	0.4408	29
30	1.18		1.23	0.798	3.38	0.378	0.384	0.384	0.388	0.373	0.809	0.5108	30
31	0.511		0.808		1.51		0.374	0.391		4.41		3.00 B	31
TOTAL	21.388	14.076	32.394	27.858	38.878	39.342	17.282	38.288	38.223	47.473	57.128	18.584	TOTAL
MEAN	0.688	0.503	1.04	0.932	1.28	1.31	0.558	1.27	1.27	1.53	1.80	0.535	MEAN
MAX	3.21	2.04	4.88	3.93	5.78	8.71	3.00	15.6	13.1	12.1	8.00	3.00	MAX
MIN	0.334	0.288	0.326	0.481	0.327	0.378	0.384	0.371	0.337	0.288	0.412	0.370	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.07
MAXIMUM DAILY, 15.6 ON AUG 4
MINIMUM DAILY, 0.288 ON FEB 6
MAXIMUM INSTANTANEOUS,
126 AT 21:58 EST ON SEP 22

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 46 42 N
LONG 78 11 28 W
DRAINAGE AREA, 85.2 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 850	JUL	1 450
FEB	1 230	AUG	3 400
MAR	2 800	SEP	3 300
APR	2 390	OCT	4 100
MAY	3 370	NOV	4 940
JUN	3 380	DEC	1 430

TOTAL DISCHARGE, 33 700 dam³

HOG CREEK NEAR VICTORIA HARBOUR - STATION NO. 02ED017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.410B	0.920B	0.276	1.24	0.276	0.229	0.127	0.040	0.194	0.072	0.273	0.880B	1
2	0.407	0.520B	0.272	1.15	0.314	0.214	0.118	0.089	0.225	0.062	0.264	0.740B	2
3	0.376B	0.390B	0.278	1.49	0.828	0.206	0.113	0.072	0.134	0.088	0.268	0.680B	3
4	0.380B	0.340B	0.275	2.07	0.441	0.340	0.108	0.074	0.084	0.085	0.262	0.500B	4
5	0.390B	0.330B	0.277	1.86	0.436	0.263	0.142	0.202	0.077	0.089	0.269	0.350B	5
6	0.352	0.303	0.274	1.08	0.410	0.206	0.106	0.149	0.087	0.136	0.310	0.312	6
7	0.344	0.287	0.266	0.888	0.747	0.186	0.091	0.096	0.084	0.152	0.333	0.301	7
8	2.12 B	0.283	0.267	0.671	2.22	0.173	0.090	0.087	0.076	0.180	0.382	0.293	8
9	1.80 B	0.285	0.267	0.576	1.02	0.168	0.073	0.082	0.110	0.173	0.396	0.286	9
10	0.438B	0.283	0.769	0.532	0.514	0.155	0.065	0.083	0.130	0.164	0.440	0.295	10
11	0.585B	0.285	0.280	0.477	0.432	0.202	0.078	0.080	0.125	0.268	0.357	0.281B	11
12	0.617B	0.294	0.280	0.478	1.10	0.172	0.073	0.078	0.098	0.262	0.353	0.268B	12
13	0.763	0.292	0.279	0.528	1.15	0.150	0.071	0.070	0.075	0.231	0.314	0.267	13
14	0.552	0.295	0.302	0.526	0.545	0.152	0.072	0.070	0.082	0.287	0.326	0.[illegible]	14
15	0.449	0.290	3.80 B	1.01	0.422	0.148	0.085	0.073	0.082	0.388	0.421	0.260	15
16	0.420	0.291	4.02 B	0.851	0.366	0.153	0.083	0.133	0.071	0.406	1.40	0.264	16
17	0.403	0.281	2.00 B	0.570	0.335	0.170	0.063	0.109	0.072	0.270	0.845	0.259	17
18	0.387	0.273	1.10 B	0.531	0.317	0.178	0.065	0.083	0.068	0.242	0.473	0.2678	18
19	0.384	0.274	0.800B	0.456	0.267	0.170	0.080	0.072	0.059	0.220	0.419	0.2768	19
20	0.375B	0.276	0.686	0.422	0.300	0.489	0.084	0.074	0.065	0.255	1.80	0.273	20
21	0.380B	0.274	0.511	0.388	0.570	0.496	0.048	0.081	0.052	0.303	1.20 B	0.270	21
22	0.365B	0.283	0.472	0.367	0.385	0.540	0.053	0.087	0.077	0.312	0.800B	0.275	22
23	0.339	0.281	0.437	0.351	0.311	0.612	0.048	0.176	0.228	0.274	0.360B	0.276	23
24	0.336	0.276	0.465	0.358	0.257	0.307	0.045	0.180	0.140	0.228	0.344	0.272	24
25	0.336	0.272	0.710	0.327	0.239	0.234	0.046	0.108	0.089	0.233	0.347	0.270	25
26	0.338	0.278	1.36 B	0.343	0.300	0.198	0.044	0.082	0.066	0.262	0.422	0.279	26
27	0.349	0.277	3.80 B	0.348	0.285	0.176	0.060	0.086	0.070	0.248	0.491	0.277	27
28	0.342	0.274	11.5 B	0.316	0.266	0.157	0.088	0.092	0.080	0.242	2.08	0.275	28
29	0.363		10.8	0.301	0.221	0.150	0.052	0.086	0.068	0.242	1.44	0.275	29
30	0.448		2.76	0.293	0.213	0.134	0.045	0.147	0.076	0.234	0.950B	0.278	30
31	0.870B		1.68		0.223		0.044	0.128		0.235		0.332	31
TOTAL	18.386	8.025	50.817	20.478	15.932	7.480	2.289	3.089	2.803	8.816	18.170	10.425	TOTAL
MEAN	0.528	0.322	1.64	0.683	0.514	0.250	0.074	0.100	0.097	0.220	0.606	0.336	MEAN
MAX	2.12	0.920	11.5	2.07	2.22	0.840	0.142	0.202	0.228	0.406	2.08	0.886	MAX
MIN	0.336	0.272	0.267	0.283	0.213	0.134	0.044	0.040	0.052	0.062	0.259	0.290	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.469
MAXIMUM DAILY, 11.5B ON MAR 28
MINIMUM DAILY, 0.040 ON AUG 1
MAXIMUM INSTANTANEOUS,
18.1 AT 01:31 EST ON MAR 29

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 43 33 N
LONG 78 46 45 W
DRAINAGE AREA, 85.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 410	JUL	198
FEB	780	AUG	267
MAR	4 400	SEP	251
APR	1 770	OCT	548
MAY	1 380	NOV	1 570
JUN	847	DEC	901

TOTAL DISCHARGE, 14 200 dam³

HOLLAND RIVER AT HOLLAND LANDING - STATION NO. 02EC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.367B	0.600B	0.160B	0.882	0.863	0.540E	0.338	0.253	5.65	0.380	1.82	1.03	1
2	0.320B	0.540B	0.158B	0.816	1.89	0.535E	0.333	2.28	1.84	0.351	1.06	0.910B	2
3	0.300B	0.560B	0.155B	1.66	2.21	0.530E	0.317	1.13	0.804	0.383	0.827	0.830B	3
4	0.290B	0.460B	0.163B	2.75	1.39	0.740E	0.308	5.81	0.572	0.315	0.779	0.760B	4
5	0.260B	0.400B	0.161B	2.15	1.92	0.680E	0.288	4.48	0.524	0.281	0.770	0.710B	5
6	0.330B	0.370B	0.148B	1.55	2.75	0.620E	0.278	0.885	0.501	0.367	1.60	0.675B	6
7	0.460B	0.340B	0.148B	1.27	2.12	0.570E	0.268	0.581	2.81	0.378	1.92	0.640B	7
8	0.660B	0.315B	0.147B	1.08	2.74	0.530E	0.256	0.484	2.97	0.356	2.18	0.605B	8
9	0.700B	0.295B	0.146B	0.942	1.67	0.500E	0.238	0.445	1.31	0.355	2.21	0.575B	9
10	0.580B	0.280B	0.145B	0.840	1.27	0.490E	0.232	0.434	0.838	0.615	1.41	0.555B	10
11	0.480B	0.270B	0.143B	0.811	1.76	1.20 E	0.237	0.412	0.834	1.07 E	1.12	0.530B	11
12	0.430B	0.268B	0.142B	0.788	8.91	0.850E	0.236	0.392	0.527	0.559	0.966	0.510B	12
13	0.380B	0.320B	0.141B	0.740	4.57	0.640E	0.228	0.383	0.476	1.57	0.832	0.485B	13
14	0.370B	0.300B	0.873B	0.831	2.21	0.472E	0.232	0.368	0.458	1.06	1.67	0.460B	14
15	0.345B	0.270B	8.70 B	1.17	1.61	0.448	0.237	0.370	0.447	2.29	5.88	0.465B	15
16	0.335B	0.250B	2.95	1.08	1.25	0.481	0.237	0.385	0.445	2.03	11.5	0.450B	16
17	0.325B	0.232B	1.10	0.852	1.09	0.728	0.233	0.380	0.604	0.700	3.80	0.440B	17
18	0.400B	0.222B	0.647	0.777	0.826	0.614	0.229	0.371	0.538	0.713	1.83	0.426B	18
19	0.491B	0.212B	0.686	0.836	0.809	0.567	0.228	0.291	0.486	0.838	1.38	0.405B	19
20	0.451	0.202B	0.586	0.836	1.03	5.23	0.215	0.282	0.456	2.91	2.73	0.390B	20
21	0.301	0.196B	0.568	0.775	1.36	2.43	0.203	0.276	0.439	1.65	2.86	0.382B	21
22	0.380B	0.180B	0.474	0.728	0.881	10.8	0.187	0.284	1.14	1.37	1.71	0.366B	22
23	0.345B	0.165B	0.678	0.664	0.700E	4.86	0.187	0.286	2.83	1.38	1.18	0.351B	23
24	0.305B	0.162B	1.39	0.606	0.670E	2.08	0.204	0.303	1.13	0.883	0.861	0.290B	24
25	0.290B	0.178B	8.37 B	0.588	0.640E	1.33	0.196	0.288	0.728	0.790	0.933	0.338B	25
26	0.320B	0.172B	11.2 B	0.721	0.620E	0.952	0.186	0.282	0.431	0.718	1.12	0.367B	26
27	0.400B	0.170B	4.65 B	0.714	0.600E	0.747	0.865	0.281	0.283	1.07	1.26	0.381B	27
28	0.600B	0.165B	5.08	0.673	0.585E	0.610	0.648	0.276	0.324	0.638	4.28	0.384B	28
29	0.700B		3.76	0.765	0.570E	0.422	0.337	0.285	1.43	0.678	1.78 B	0.363B	29
30	2.70 B		1.90	1.21	0.560E	0.320	0.294	0.267	0.488	0.686	1.23	0.380B	30
31	2.00 B		1.19		0.580E		0.277	0.266		1.60		0.400B	31
TOTAL	18.745	8.471	59.741	30.316	50.724	41.705	8.780	24.727	32.088	28.256	64.226	19.697	TOTAL
MEAN	0.640	0.303	1.80	1.01	1.64	1.39	0.284	0.798	1.07	0.844	2.14	0.603	MEAN
MAX	2.70	0.600	11.2	3.76	8.91	10.8	0.865	5.81	5.65	2.91	11.5	1.03	MAX
MIN	0.280	0.165	0.141	0.552	0.560	0.320	0.187	0.263	0.283	0.281	0.770	0.251	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.04
MAXIMUM DAILY, 11.5 ON NOV 16
MINIMUM DAILY, 0.141B ON MAR 13
MAXIMUM INSTANTANEOUS,
27.7B AT 23:02 EST ON MAR 25

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 05 41 N
LONG 78 28 24 W
DRAINAGE AREA, 181 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 450	JUL	788
FEB	732	AUG	2 140
MAR	4 820	SEP	2 770
APR	2 820	OCT	2 830
MAY	4 380	NOV	5 550
JUN	3 800	DEC	1 360

TOTAL DISCHARGE, 33 700 dam³

HOLTBY DRAIN AT CONCESSION #7 (KETTLE CONTROL) - STATION NO. 02GC032

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.013	0.033	0.001	0.044	0.003	0.004	0	0	0	0	0	0.009	1
2	0.010	0.017	0.001	0.041	0.004	0.017	0	0	0	0	0	0.009	2
3	0.007	0.011	0	0.158	0.003	0.008	0	0	0	0	0	0.007	3
4	0.004	0.008	0.032	0.133	0.003	0.014	0	0	0	0	0	0.004	4
5	0.003	0.004	0.058	0.088	0.005	0.005	0	0	0	0	0	0.0049	5
6	0.003	0.004	0.012	0.057	0.004	0.003	0	0	0	0	0	0.0038	6
7	0.008	0.003	0.006	0.030	0.003	0.002	0	0	0	0	0	0.003	7
8	0.217	0.002	0.003	0.021	0.003	0.001	0	0	0	0	0	0.0038	8
9	0.030	0.001	0.006	0.018	0.003	0.001	0	0	0	0	0	0.0028	9
10	0.011	0.001	0.018	0.017	0.002	0.001	0	0	0	0	0	0.0028	10
11	0.008	0.001	0.021	0.018	0.003	0	0	0	0	0	0	0.002	11
12	0.038	0	0.018	0.022	0.007	0	0	0	0	0	0	0.001	12
13	0.018	0	0.011	0.041	0.008	0.001	0	0	0	0	0	0.001	13
14	0.005	0.018	0.012	0.023	0.005	0.001	0	0	0	0	0	0.001	14
15	0.004	0.008	0.031	0.137	0.004	0.001	0	0	0	0	0.003	0.001	15
16	0.003	0.003	0.012	0.034	0.003	0.001	0	0	0	0	0.083	0	16
17	0.003	0.002	0.010	0.080	0.002	0.001	0	0	0	0	0.024	0	17
18	0.009	0.002	0.702	0.067	0.002	0.002	0	0	0	0	0.012	0	18
19	0.013	0.001	0.1008	0.027	0.001	0.005	0	0	0	0	0.008	0	B 19
20	0.008	0.001	0.0809	0.020	0.002	0.017	0	0	0	0	0.012	0	20
21	0.003	0.025	0.0308	0.015	0.002	0.005	0	0	0	0	0.010	0	21
22	0.003	0.009	0.0408	0.010	0.001	0.026	0	0	0	0	0.008	0	22
23	0.007	0.003	0.0508	0.007	0.001	0.009	0	0	0	0	0.007	0	23
24	0.012	0.002	0.058	0.006	0.002	0.004	0	0	0	0	0.006	0	24
25	0.010	0.001	0.087	0.005	0.002	0.002	0.080	0	0	0	0.006	0	25
26	0.120	0.001	0.078	0.006	0.022	0.002	0.010	0	0	0	0.008	0	26
27	0.022	0.001	0.082	0.006	0.005	0.001	0.003	0	0	0	0.009	0	27
28	0.013	0.001	0.167	0.004	0.003	0.001	0.001	0	0	0	0.033	0	28
29	0.043		0.147	0.004	0.002	0	0.001	0	0	0	0.015	0	29
30	0.088		0.074	0.004	0.005	0	0	0	0	0	0.012	0	30
31	0.027		0.055		0.004		0	0		0		0.011	31
TOTAL	0.722	0.197	1.991	1.118	0.119	0.136	0.095	0	0	0	0.237	0.083	TOTAL
MEAN	0.023	0.006	0.064	0.037	0.004	0.005	0.003	0	0	0	0.006	0.002	MEAN
MAX	0.217	0.033	0.702	0.158	0.022	0.026	0.080	0	0	0	0.053	0.011	MAX
MIN	0.003	0	0	0.004	0.001	0	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.013
MAXIMUM DAILY, 0.702 ON MAR 18
MINIMUM DAILY, 0 ON FEB 12
MAXIMUM INSTANTANEOUS,
1.27 AT 05:00 EST ON MAR 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 53 00 N
LONG 81 07 53 W
DRAINAGE AREA, 8.17 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	62.4	JUL	8.21
FEB	13.6	AUG	0
MAR	172	SEP	0
APR	96.6	OCT	0
MAY	10.3	NOV	20.5
JUN	11.8	DEC	5.44

TOTAL DISCHARGE, 401 dam³

HORNER CREEK NEAR PRINCETON - STATION NO. 02GB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.00 B	2.80 B	0.3208	4.53	0.825	0.851	0.528	0.077	0.130	0.110E	0.187	0.8208	1
2	1.74 B	2.58 B	0.3078	3.54	0.747	1.31	0.458	0.081	0.148	0.110E	0.183	0.8108	2
3	1.50 B	2.33 B	0.2918	3.24	0.743	1.81	0.402	0.076	0.132	0.110E	0.180	0.7508	3
4	1.37 B	2.12 B	0.3188	3.54	0.715	1.87	0.378	0.095	0.126	0.115E	0.180	0.6808	4
5	1.28 B	1.94 B	0.3908	4.83	0.718	1.85	0.363	0.122	0.111	0.120E	0.188	0.5308	5
6	1.23 B	1.78 B	0.3238	5.08	0.727	1.30	0.341	0.084	0.110	0.110E	0.223	0.5408	6
7	1.18 B	1.58 B	0.3058	4.27	0.743	0.967	0.327	0.084	0.105	0.110E	0.266	0.5408	7
8	2.00 B	1.44 B	0.2878	3.58	0.720	0.752	0.288	0.224	0.104	0.110E	0.353	0.5058	8
9	2.40 B	1.30 B	0.2908	3.03	0.635	0.643	0.272	0.118	0.102	0.110E	0.458	0.4808	9
10	3.85 B	1.18 B	0.5408	2.59	0.655	0.591	0.252	0.087	0.107	0.120E	0.458	0.4608	10
11	3.80 B	1.08 B	1.00 B	3.27	0.666	0.571	0.237	0.062	0.087	0.140E	0.620	0.4368	11
12	3.43 B	0.9608	1.38 B	3.06	0.727	0.868	0.184	0.040	0.079	0.165E	0.884	0.4208	12
13	3.05 B	0.8008	1.30 B	2.03	0.606	0.703	0.183	0.058	0.082	0.140E	0.376	0.4018	13
14	1.78 B	0.8608	1.10 B	2.10	0.669	0.609	0.182	0.057	0.101	0.140E	0.377	0.3848	14
15	1.52 B	0.8458	1.40 B	2.23	0.774	0.544	0.146	0.056	0.110	0.140E	0.480	0.3628	15
16	1.36 B	0.7808	1.50 B	2.40	0.891	0.523	0.122	0.169	0.105	0.140E	1.07	0.3588	16
17	1.28 B	0.6958	1.54 B	2.48	0.836	0.490	0.124	0.159	0.124	0.170E	1.72	0.3808	17
18	1.20 B	0.6258	1.44 B	2.40	0.593	0.512	0.083	0.145	0.109	0.165E	1.88	0.3508	18
19	0.9608	0.5808	1.80 B	2.21	0.562	0.635	0.110	0.159	0.111	0.185E	1.92	0.3618	19
20	0.9008	0.5378	2.26 B	2.06	0.611	0.820	0.188	0.139	0.119	0.210E	1.16	0.3328	20
21	0.9408	0.5008	1.89 B	1.78	0.588	0.581	0.231	0.155	0.108	0.243E	0.968	0.3238	21
22	0.9408	0.4768	1.80 B	1.68	0.563	0.618	0.231	0.132	0.106A	0.280E	0.963E	0.3148	22
23	0.8388	0.4508	1.81 B	1.31	0.515	1.80	0.201	0.139	0.130E	0.255E	1.18 E	0.3078	23
24	0.7858	0.4158	2.37	1.11	0.480	2.98	0.180	0.141	0.125E	0.290E	0.850E	0.3008	24
25	1.03 B	0.3878	2.48	1.05	0.518	3.03	0.134	0.130	0.125E	0.240E	0.837E	0.2948	25
26	1.30 B	0.3688	5.32	1.00	0.574	2.27	0.093	0.108	0.120E	0.235E	0.813	0.2888	26
27	1.72 B	0.3428	7.01	0.863	0.613	1.64	0.106	0.104	0.120E	0.220E	0.814	0.2938	27
28	2.20 B	0.3288	6.51	0.828	0.572	1.20	0.143	0.101	0.120E	0.210E	0.892	0.2788	28
29	2.13 B		5.37	0.883	0.502	0.881	0.108	0.115	0.110E	0.210E	1.06	0.2738	29
30	2.80 B		10.6	0.860	0.472	0.539	0.095	0.118	0.110E	0.200E	1.03	0.2708	30
31	3.00 B		8.18		0.659		0.081	0.104		0.194A		0.6008	31
TOTAL	61.820	30.267	70.581	71.844	20.173	33.807	9.744	3.424	3.388	5.267	21.037	13.880	TOTAL
MEAN	1.86	1.06	2.28	2.38	0.651	1.13	0.314	0.110	0.113	0.170	0.701	0.436	MEAN
MAX	3.00	2.80	10.6	5.08	0.859	3.03	0.528	0.224	0.165	0.280	1.72	0.930	MAX
MIN	0.785	0.326	0.280	0.840	0.472	0.480	0.081	0.040	0.078	0.110	0.183	0.270	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.926
MAXIMUM DAILY, 10.6 ON MAR 30
MINIMUM DAILY, 0.040 ON AUG 12
MAXIMUM INSTANTANEOUS,
12.5 AT 08:48 EST ON MAR 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 10 30 N
LONG 80 33 12 W
DRAINAGE AREA, 150 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 490	JUL	903
FEB	2 620	AUG	288
MAR	6 100	SEP	293
APR	5 210	OCT	454
MAY	1 740	NOV	1 820
JUN	2 930	DEC	1 170

TOTAL DISCHARGE, 28 700 dam³

NUMBER RIVER AT ELDER MILLS - STATION NO. 02HC025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.620	4.60 B	0.9008	3.02	2.29	2.17	1.10	0.879	1.14	0.720	1.28	1.88	1
2	1.508	3.50 B	0.8808	2.60	2.38	2.45	1.08	0.721	1.83	0.844	1.18	1.37 B	2
3	1.428	2.70 B	0.8708	3.20	2.87	1.94	1.01	0.870	1.34	0.854	1.18	1.32 B	3
4	1.378	2.20 B	0.8808	5.01	2.63	2.53	0.953	1.17	1.04	0.888	1.18	1.27 B	4
5	1.308	1.80 B	0.8508	5.40	2.56	2.56	0.900	3.38	1.30	0.878	1.15	1.20 B	5
6	1.288	1.72 B	0.8408	4.22	2.94	2.08	0.908	2.21	0.937	0.809	1.27	1.14 B	6
7	1.228	1.80 B	0.8208	5.05	2.79	1.48	0.854	1.34	2.12	0.835	1.83	1.10 B	7
8	1.808	1.52 B	0.8038	3.95	2.96	1.34	0.851	0.993	1.14	0.884	1.88	1.05 B	8
9	3.308	1.45 B	0.8008	3.10	3.00	1.75	0.830	0.887	0.988	0.910	2.18	1.02 B	9
10	2.408	1.41 B	0.7988	2.88	2.44	2.73	0.780	0.846	0.896	1.05	2.20	0.9808	10
11	2.258	1.35 B	0.7908	2.31	2.22	2.34	0.760	0.813	0.847	1.61	1.78	0.9808	11
12	2.158	1.32 B	0.7858	2.12	4.77	1.83	0.721	0.776	0.903	1.82	1.54	0.9408	12
13	2.028	1.29 B	0.7808	2.30	8.12	1.53	0.872	0.841	0.871	1.31	1.41	0.9158	13
14	1.958	1.27 B	0.7708	2.55	5.13	1.36	0.884	1.07	0.831	1.21	1.58	0.9008	14
15	1.908	1.22 B	14.5 B	2.72	3.89	1.31	0.871	1.38	0.883	1.79	3.36	0.8808	15
16	1.828	1.19 B	22.3 B	2.67	2.87	1.34	0.878	1.27	0.880	1.82	5.92	0.8708	16
17	1.788	1.15 B	7.86	2.78	2.41	1.44	0.870	1.01	0.946	1.51	5.81	0.8508	17
18	1.728	1.13 B	3.03	2.79	2.09	1.58	0.942	0.882	1.02	1.58	3.57	0.8408	18
19	1.688	1.10 B	2.45 B	2.68	1.90	1.61	0.839	0.801	0.939	1.60	2.57	0.8308	19
20	1.628	1.08 B	2.00 B	2.40	1.83	1.95	0.844	0.804	0.881	2.12	2.11	0.8208	20
21	1.598	1.05 B	1.80 B	2.36	2.20	2.63	0.726	0.851	0.818	2.89	2.44	0.8108	21
22	1.578	1.03 B	1.70 B	2.05	2.09	4.03	0.737	0.802	0.726	1.87	1.89	0.8008	22
23	1.548	1.00 B	2.00 B	1.90	1.71	4.48	0.718	0.780	1.02	1.60	1.528	0.7958	23
24	1.518	0.9808	3.05 B	1.83	1.85	3.00	0.676	0.803	1.13	1.40	1.488	0.7858	24
25	1.488	0.9708	7.86	1.84	1.56	2.95	0.859	0.745	0.978	1.32	1.458	0.7808	25
26	3.708	0.9508	17.8 B	1.90	1.85	2.76	0.703	0.720	0.952	1.31	1.438	0.7708	26
27	3.008	0.9308	15.4	1.99	1.76	2.01	0.749	0.894	0.840	1.23	2.008	0.7858	27
28	2.658	0.9208	16.8	1.96	1.53	1.80	0.816	0.675	0.783	1.20	3.95	0.7638	28
29	2.408		11.0	1.92	1.40	1.35	0.838	0.678	0.910	1.17	3.88	0.7828	29
30	3.008		8.18	2.18	1.52	1.18	0.821	0.708	0.828	1.17	2.53	0.7808	30
31	6.808		3.89		1.87		0.709	0.714		1.21		2.00 B	31
TOTAL	84.04	42.430	161.067	83.59	80.83	63.31	24.182	30.633	30.534	41.310	67.92	30.945	TOTAL
MEAN	2.07	1.52	4.87	2.78	2.61	2.11	0.780	0.988	1.02	1.33	2.28	0.998	MEAN
MAX	5.80	4.60	22.3	5.40	8.12	4.48	1.10	3.38	2.12	2.89	5.92	3.00	MAX
MIN	1.22	0.920	0.770	1.83	1.40	1.18	0.838	0.670	0.726	0.720	1.18	0.780	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.85
MAXIMUM DAILY, 22.38 ON MAR 18
MINIMUM DAILY, 0.638 ON JUL 19
MAXIMUM INSTANTANEOUS,
26.1 AT 13:45 EST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 48 38 N
LONG 79 37 38 W
DRAINAGE AREA, 303 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 530	JUL	2 080
FEB	3 870	AUG	2 850
MAR	13 100	SEP	2 840
APR	7 220	OCT	3 570
MAY	6 980	NOV	5 870
JUN	5 470	DEC	2 670

TOTAL DISCHARGE, 61 500 dam³

NUMBER RIVER AT WESTON - STATION NO. 02HC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.39	3.708	1.348	5.90	3.08	5.12	1.92	0.888	2.81	1.11	3.92	4.808	1
2	3.41	3.408	1.318	4.72	5.13	8.88	1.78	0.875	2.15	1.22	2.48	3.308	2
3	3.258	3.208	1.298	7.85	4.11	4.97	1.67	1.00	2.08	1.31	2.44	2.808	3
4	3.158	3.058	1.278	13.0	3.94	6.63	1.55	9.40	1.80	1.31	2.19	2.808	4
5	3.058	2.908	1.248	13.4	4.82	4.73	1.43	5.26	1.38	1.33	2.13	2.408	5
6	2.958	2.768	1.228	9.60	4.20	3.88	1.42	3.67	1.57	1.34	2.93	2.308	6
7	2.888	2.658	1.208	8.11	4.50	2.98	1.30	3.33	4.19	1.28	8.31	2.108	7
8	9.008	2.508	1.178	7.87	4.86	2.73	1.22	1.83	2.83	1.25	4.81	2.008	8
9	6.208	2.408	1.148	6.09	4.77	3.30	1.21	1.40	1.78	1.30	5.18	1.908	9
10	5.408	2.308	1.128	5.03	3.88	4.47	1.11	1.86	1.72	3.06	4.18	1.808	10
11	4.808	2.208	1.118	4.27	5.29	3.81	1.07	1.27	1.53	2.89	3.74	1.708	11
12	4.058	2.108	1.108	3.86	12.8	3.11	1.01	1.19	1.38	2.55	3.14	1.608	12
13	3.708	2.058	1.088	4.52	18.1	2.81	0.955	1.38	1.25	2.14	2.71	1.558	13
14	3.358	2.008	1.088	4.34	11.4	2.26	0.822	3.32	1.29	3.95	5.48	1.558	14
15	3.108	1.938	24.5 B	5.84	7.96	2.13	0.852	4.18	1.50	3.19	13.8	1.528	15
16	2.958	1.808	34.4	5.15	5.00	2.23	0.889	3.02	1.33	2.81	28.8	1.508	16
17	2.758	1.828	15.7	4.86	4.78	3.27	0.905	1.84	1.68	3.90	18.7	1.488	17
18	2.658	1.748	8.34	4.67	4.18	2.73	0.879	1.58	1.44	3.17	10.4	1.428	18
19	2.458	1.728	3.83	4.42	3.81	2.52	0.848	1.38	1.38	3.10	8.48	1.388	19
20	2.258	1.688	3.85	4.01	4.21	7.96	0.854	2.85	1.24	10.0	5.808	1.358	20
21	2.158	1.648	3.84	3.84	4.27	5.15	0.881	1.58	1.18	5.07	5.008	1.318	21
22	2.058	1.608	3.35	3.38	3.58	18.1	3.12	1.36	4.30	4.21	4.708	1.288	22
23	1.908	1.558	3.80	3.12	3.12	14.3	4.77	1.23	9.43	3.09	4.508	1.288	23
24	1.858	1.528	7.64	2.97	2.92	9.14	1.11	1.22	1.75	2.83	5.01	1.278	24
25	3.008	1.488	28.5	2.94	2.66	5.82	2.76	1.12	1.88	2.40	5.08	1.268	25
26	5.008	1.458	52.9	2.87	3.18	4.90	2.31	1.04	1.88	2.38	4.93	1.258	26
27	8.008	1.438	31.7	2.91	2.83	3.73	2.08	0.988	1.45	2.34	4.24	1.248	27
28	6.008	1.408	28.5	2.73	2.45	3.04	2.04	0.958	1.21	2.22	10.3	1.238	28
29	4.808		21.4	2.88	2.18	2.49	1.40	0.998	1.18	2.17	8.88	1.228	28
30	4.308		13.1	3.28	6.70	2.13	1.24	0.958	1.30	2.18	9.818	1.218	30
31	3.958		8.11		4.32		1.11	1.02		4.62		3.008	31
TOTAL	117.54	60.11	308.24	159.22	189.62	148.81	48.713	62.917	56.88	88.61	191.61	58.42	TOTAL
MEAN	3.79	2.15	9.94	5.31	5.15	4.96	1.51	2.03	1.90	2.78	8.38	1.82	MEAN
MAX	9.00	3.70	52.9	13.4	18.1	18.1	4.77	9.40	9.43	10.0	28.8	4.80	MAX
MIN	1.85	1.40	1.08	2.73	2.18	2.13	0.848	0.958	1.18	1.11	2.13	1.21	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.88
MAXIMUM DAILY, 52.9 ON MAR 28
MINIMUM DAILY, 0.848 ON JUL 19
MAXIMUM INSTANTANEOUS,
53.3 AT 09:40 EST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 41 54 N
LONG 79 31 19 W
DRAINAGE AREA, 600 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 200	JUL	4 040
FEB	5 180	AUG	5 440
MAR	26 600	SEP	4 910
APR	13 600	OCT	7 380
MAY	13 600	NOV	16 600
JUN	12 800	DEC	4 870

TOTAL DISCHARGE, 126 000 dam³

HUMBER RIVER NEAR PALGRAVE - STATION NO. 02HC047

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.08	1.35 B	0.8108	1.85	1.32	1.32	0.681	0.398	0.840	0.488	0.709	1.30 B	1
2	0.990	1.18 B	0.8078	1.43	1.51	1.22	0.814	0.383	0.831	0.488	0.714	1.20 B	2
3	0.9378	1.08 B	0.8048	2.04	1.74	1.13	0.584	0.371	0.803	0.538	0.738	1.10 B	3
4	0.8808	1.00 B	0.8018	3.13	1.47	1.83	0.568	1.20	0.887	0.522	0.718	1.00 B	4
5	0.8608	0.9608	0.5988	2.78	1.51	1.58	0.538	2.05	0.528	0.484	0.728	0.9808	5
6	0.8408	0.8808	0.5958	2.78	1.88	0.877	0.520	0.832	0.780	0.512	0.868	0.8808	6
7	0.8208	0.8408	0.5928	2.88	1.88	0.783	0.552	0.886	0.532	0.889	1.11	0.8008	7
8	1.30 B	0.8108	0.5918	2.03	1.79	0.908	0.526	0.819	0.488	0.585	1.31	0.8808	8
9	2.00 B	0.7808	0.5898	1.84	1.84	1.88	0.475	0.478	0.510	0.591	1.51	0.8208	9
10	1.25 B	0.7508	0.5888	1.37	1.37	1.83	0.489	0.424	0.502	0.897	1.28	0.7808	10
11	1.08 B	0.7308	0.5868	1.23	1.44	1.34	0.418	0.415	0.494	1.31	1.03	0.7508	11
12	1.05 B	0.7208	0.5848	1.24	4.00	1.05	0.399	0.431	0.488	0.894	0.913	0.7208	12
13	1.10 B	0.6988	0.5828	1.51	3.89	0.854	0.407	0.824	0.431	0.747	0.833	0.7008	13
14	0.9808	0.6808	0.5808	1.50	2.53	0.817	0.382	0.891	0.449	0.838	0.838	0.6858	14
15	0.9108	0.6758	10.0 B	1.63	1.78	0.809	0.387	0.596	0.457	1.33	2.09	0.8458	15
16	0.8808	0.6708	7.30	1.86	1.48	0.848	0.388	0.567	0.474	0.880	4.29	0.8208	16
17	0.8508	0.6608	2.81	1.53	1.35	0.915	0.395	0.498	0.594	0.827	2.71	0.8008	17
18	0.8508	0.6558	1.48 B	1.97	1.25	1.10	0.370	0.472	0.535	1.09	1.79	0.5858	18
19	0.8408	0.6508	1.48 B	1.45	1.12	0.905	0.382	0.454	0.480	0.888	1.10	0.5708	19
20	0.9408	0.6458	1.28 B	1.52	1.14	1.50	0.421	0.480	0.435	1.81	1.32	0.5558	20
21	0.9008	0.6408	1.12 B	1.28	1.37	1.55	0.378	0.456	0.374	1.46	1.82	0.5408	21
22	0.8608	0.6358	1.08 B	1.20	1.18	2.49	0.384	0.433	0.446	1.11	1.30 B	0.5258	22
23	0.8448	0.6308	1.12 B	1.12	1.01	2.23	0.384	0.484	0.888	0.882	1.15 B	0.5158	23
24	0.8008	0.6258	1.32 B	1.11	0.946	1.70	0.381	0.432	0.859	0.783	0.832	0.5008	24
25	0.7708	0.6208	4.82 B	1.15	0.908	2.10	0.383	0.419	0.885	0.788	0.841	0.4908	25
26	1.40 B	0.6178	10.4 B	1.20	1.10	1.61	0.388	0.400	0.478	0.737	1.07	0.4808	26
27	1.15 B	0.6148	7.58	1.22	1.03	1.14	0.401	0.389	0.448	0.729	1.13	0.4708	27
28	1.30 B	0.6108	8.00	1.18	0.878	0.935	0.480	0.381	0.538	0.731	2.72	0.4608	28
29	1.50 B		5.82	1.18	0.789	0.749	0.472	0.400E	0.425	0.733	1.77	0.4558	29
30	2.00 B		3.13	1.36	0.936	0.687	0.411	0.397E	0.372	0.737	1.46	0.4458	30
31	1.55 B		2.09		1.21		0.406	0.397E		0.728		1.10 B	31
TOTAL	33.501	21.394	78.767	48.82	46.815	38.073	13.933	17.109	18.261	25.828	41.072	22.280	TOTAL
MEAN	1.08	0.764	2.57	1.62	1.51	1.27	0.449	0.552	0.642	0.833	1.37	0.719	MEAN
MAX	2.00	1.35	10.4	3.13	4.00	2.49	0.681	2.05	0.921	1.81	4.29	1.30	MAX
MIN	0.770	0.610	0.580	1.11	0.798	0.687	0.382	0.371	0.372	0.488	0.709	0.445	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.11
MAXIMUM DAILY, 10.48 ON MAR 26
MINIMUM DAILY, 0.382 ON JUL 19
MAXIMUM INSTANTANEOUS,
23.08 AT 14:30 EST ON MAR 15

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 55 57 N
LONG 79 48 45 W
DRAINAGE AREA, 117 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 880	JUL	1 200
FEB	1 850	AUG	1 480
MAR	9 880	SEP	1 400
APR	4 200	OCT	2 210
MAY	4 040	NOV	3 550
JUN	3 290	DEC	1 920

TOTAL DISCHARGE, 34 900 dam³

INDIAN RIVER NEAR BLAKENEY - STATION NO. 02KF012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.88 B	0.4008	0.2118	7.61	1.97	1.69	0.237	0.231	0.302	0.285	0.250	2.42	1
2	1.87 B	0.3208	0.2088	7.21	2.50	1.67	0.232	0.248	0.317	0.301	0.207	2.20 B	2
3	1.84 B	0.3158	0.2058	7.25	4.48	1.89	0.184	0.307	0.285	0.282	0.200	1.93 B	3
4	1.80 B	0.3078	0.2038	8.52	4.34	1.98	0.149	0.307	0.311	0.258	0.218	1.78 B	4
5	1.58 B	0.3028	0.2018	8.48	4.03	1.85	0.148	0.283	0.282	0.284	0.232	1.70 B	5
6	1.58 B	0.2988	0.2008	8.57	4.26	1.77	0.207	0.228	0.274	0.275	0.227	1.83 B	6
7	1.56 B	0.2928	0.1998	8.16	5.08	1.83	0.189	0.204	0.258	0.267	0.222	1.59 B	7
8	1.55 B	0.2858	0.1978	7.10	5.74	1.43	0.158	0.149	0.275	0.279	0.252	1.53 B	8
9	1.54 B	0.2828	0.1958	8.57	5.18	1.14	0.101	0.099	0.285	0.271	0.334	1.49 B	9
10	1.53 B	0.2788	0.1948	8.20	5.51	1.81	1.01	0.098	0.288	0.247	0.389	1.47 B	10
11	1.52 B	0.2738	0.1938	8.45	5.21	1.83	2.10	0.425	0.284	0.280	0.340	1.43 B	11
12	1.50 B	0.2688	0.1938	8.81	4.39	1.52	1.84	0.870	0.258	0.268	0.334	1.38 B	12
13	1.10 B	0.2658	0.1938	8.47	8.68	1.25	1.62	0.275	0.288	0.271	0.328	1.34 B	13
14	0.4078	0.2628	0.2508	4.09	8.58	1.08	1.48	0.231	0.285	0.265	0.356	1.30 B	14
15	0.4008	0.2578	8.00 B	3.82	8.05	1.02	1.33	0.233	0.272	0.289	0.858	1.27 B	15
16	0.3958	0.2538	4.16	3.80	8.81	1.01	1.22	0.274	0.328	0.332	1.28	1.25 B	16
17	0.3908	0.7488	2.38	3.52	8.05	1.17	1.04	0.289	0.526	0.326	1.28	1.23 B	17
18	0.3858	0.2458	0.910	3.33	5.52	1.82	0.885	0.275	0.304	0.300	0.875	1.20 B	18
19	0.3808	0.2408	0.908	3.11	4.99	1.42	0.769	0.274	0.208	0.270	0.5688	1.16 B	19
20	0.3758	0.2378	0.763	3.69	4.36	1.26	0.485	0.308	0.237	0.281	0.5568	1.16 B	20
21	0.3708	0.2348	0.691	3.68	8.14	1.19	0.289	0.321	0.245	0.384	0.5308	1.15 B	21
22	0.3668	0.2328	0.613	3.37	3.47	1.18	0.248	0.311	0.233	0.329	0.498	1.13 B	22
23	0.3608	0.2308	0.610	3.18	3.02	1.24	0.218	0.280	0.332	0.208	0.585	0.7708	23
24	0.3558	0.2268	0.804	2.14	2.88	1.28	0.178	0.287	0.280	0.187	1.20	0.7358	24
25	0.3508	0.2228	1.50	3.04	2.58	1.12	0.157	0.278	0.254	0.181	1.30	0.7108	25
26	0.3458	0.2188	5.36	1.98	2.46	0.988	0.121	0.274	0.274	0.185	1.38	0.6858	26
27	0.3408	0.2168	6.47	1.82	2.37	0.842	0.208	0.271	0.284	0.174	1.37	0.6708	27
28	0.3378	0.2138	10.2	1.66	2.05	0.708	0.466	0.277	0.257	0.154	1.51	0.6588	28
29	0.3348		13.1	1.67	1.85	0.387	0.352	0.279	0.280	0.145	1.52	0.6408	29
30	0.3458		8.27	1.66	1.76	0.289	0.249	0.273	0.280	0.144	1.72	0.6308	30
31	0.3708		7.84		1.84		0.258	0.288		0.188		0.6258	31
TOTAL	26.873	7.420	73.202	139.20	138.68	39.112	18.135	8.411	8.428	7.801	20.925	38.880	TOTAL
MEAN	0.860	0.265	2.36	4.64	4.47	1.30	0.585	0.271	0.281	0.252	0.698	1.25	MEAN
MAX	1.88	0.400	13.1	8.48	8.86	1.98	2.10	0.570	0.526	0.384	1.72	2.42	MAX
MIN	0.334	0.213	0.183	1.66	1.84	0.289	0.101	0.098	0.208	0.144	0.200	0.625	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.44
MAXIMUM DAILY, 13.1 ON MAR 29
MINIMUM DAILY, 0.098 ON AUG 10
MAXIMUM INSTANTANEOUS,
16.6 AT 14:30 EST ON MAR 15

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 14 44 N
LONG 79 15 39 W
DRAINAGE AREA, 203 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 300	JUL	1 670
FEB	841	AUG	727
MAR	8 320	SEP	726
APR	11 800	OCT	674
MAY	12 000	NOV	1 810
JUN	3 380	DEC	3 380

TOTAL DISCHARGE, 45 300 dam³

JACKSON CREEK AT PETERBOROUGH - STATION NO. 02HJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.844	1.70	0.184E	4.84	0.824	0.348	0.327	0.035	1.05	0.804	0.712	0.880	1
2	0.849	1.39 B	0.187E	2.67	0.869	0.827	0.280	0.045	0.811	0.213	0.879	0.718	2
3	0.572	1.16 B	0.182E	2.31	1.30	0.810	0.235	0.038	0.824	0.171	0.882	0.620	3
4	0.5358	0.9808	0.147E	2.88	1.44	0.410	0.209	0.875	0.841	0.178	0.812	0.525	4
5	0.481	0.8358	0.142E	2.88	1.55	0.716	0.185	0.298	0.848	0.240	0.885	0.511	5
6	0.418	0.7058	0.138E	2.98	1.89	0.883	0.174	0.392	0.545	0.523	0.888	0.481	6
7	0.358	0.595	0.133E	2.78	2.07	0.688	0.159	0.585	0.423	0.328	1.01	0.428	7
8	0.8278	0.5228	0.128E	2.33	2.21	0.504	0.146	0.718	0.319	0.182	1.32	0.408	8
9	0.731	0.4408	0.125E	2.01	2.30	0.559	0.132	0.870	0.277	0.124	1.39	0.384	9
10	0.670	0.413	0.134E	1.88	2.21	0.880	0.123	0.542	0.278	0.157	1.31	0.348	10
11	0.486	0.388	0.144E	1.37	2.04	0.875	0.108	0.435	0.227	0.194	1.34	0.328	11
12	0.517	0.349	0.129E	1.12	2.31	0.872	0.091	0.368	0.274	0.198	1.28	0.328	12
13	0.534	0.315	0.120E	1.08	2.32	0.830	0.082	0.274	0.182	0.212	1.18	0.328	13
14	0.487	0.404	1.82 E	1.00	2.44	0.539	0.078	0.201	0.180	0.347	1.28	0.311	14
15	0.436	0.369	5.88 E	1.02	2.38	0.480	0.078	0.181	0.171	0.824	2.18	0.280	15
16	0.4208	0.319	3.28 E	1.08	2.05	0.418	0.076	0.144	0.218	0.879	3.04	0.282	16
17	0.4068	0.286	2.41 E	1.09	1.87	0.848	0.070	0.119	0.218	0.880	3.13	0.274	17
18	0.390	0.247	1.80 E	1.11	1.30	0.822	0.063	0.087	0.199	0.784	3.26	0.268	18
19	0.433	0.225	1.42 E	1.08	1.04	0.673	0.059	0.078	0.195	0.812	3.01	0.277	19
20	0.4108	0.205	1.26 E	0.992	0.885	1.80	0.062	0.088	0.193	1.42	3.27	0.274	20
21	0.3928	0.222	1.06 E	0.922	0.741	1.55	0.049	0.080	0.178	1.36	2.85	0.260	21
22	0.374	0.230	0.860E	0.831	0.628	1.60	0.047	0.088	0.788	1.36	2.27	0.262	22
23	0.378	0.213	1.05 E	0.707	0.534	1.58	0.044	0.312	0.858	1.31	2.08	0.238	23
24	0.354	0.207	1.14 E	0.842	0.433	1.38	0.042	0.105	0.590	1.20	1.84	0.238	24
25	0.302	0.201	1.37 E	0.808	0.333	1.28	0.039	0.094	0.578	1.07	1.34	0.242	25
26	0.489	0.194E	1.84 E	0.577	0.377	0.944	0.035	0.091	0.809	0.925	1.18	0.288	26
27	0.411	0.188E	3.48 E	0.570	0.338	0.730	0.118	0.083	0.800	0.755	1.06	0.272	27
28	0.423	0.177E	9.80 B	0.582	0.303	0.610	0.046	0.078	0.523	0.645	1.23	0.285	28
29	0.486		11.2	0.583	0.281	0.532	0.038	0.133	0.440	0.572	1.04	0.255	29
30	0.827		9.58	0.634	0.278	0.442	0.038	0.180	0.834	0.518	1.05	0.247	30
31	1.10		7.36		0.360		0.037	0.121		0.521		0.263	31
TOTAL	15.789	13.477	87.851	44.436	38.884	24.470	3.269	7.803	13.083	18.761	48.848	11.108	TOTAL
MEAN	0.509	0.481	2.19	1.48	1.28	0.818	0.105	0.242	0.436	0.805	1.83	0.358	MEAN
MAX	1.10	1.70	11.2	4.84	2.44	1.80	0.327	0.875	1.08	1.42	3.27	0.880	MAX
MIN	0.302	0.177	0.120	0.570	0.278	0.348	0.035	0.035	0.171	0.124	0.712	0.238	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.844
MAXIMUM DAILY, 11.2 ON MAR 29
MINIMUM DAILY, 0.035 ON JUL 26
MAXIMUM INSTANTANEOUS,
12.9 AT 14:41 EST ON AUG 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 18 10 N
LONG 78 18 14 W
DRAINAGE AREA, 110 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN 1 390	JUL 282
FEB 1 180	AUG 648
MAR 5 880	SEP 1 130
APR 3 840	OCT 1 820
MAY 3 420	NOV 4 220
JUN 2 110	DEC 980

TOTAL DISCHARGE, 26 800 dam³

JOCK RIVER NEAR RICHMOND - STATION NO. 02LA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.767	0.834	0.158	32.5	4.22	2.40	0.748	0.913	0.072	0.084	0.503	3.08 B	1
2	0.711	1.07	0.171	27.5	4.78	2.57	0.538	0.788	0.100	0.078	0.508	2.78 B	2
3	0.848	0.943	0.188	28.5	11.4	2.59	0.544	0.897	0.101	0.105	0.580	2.53 B	3
4	0.858	0.748	0.182	31.2	15.2	2.72	0.480	0.842	0.083	0.102	0.553	2.44 B	4
5	0.888	0.558	0.184	34.9	13.4	3.07	0.433	0.885	0.077	0.078	0.517	2.35 B	5
6	0.801	0.500	0.150	32.7	12.4	2.82	0.377	0.838	0.071	0.089	0.542	2.22 B	6
7	0.810	0.428	0.135	29.1	10.4	2.38	0.332	0.801	0.087	0.128	0.831	2.10 B	7
8	0.834	0.416	0.119	24.5	25.3	2.23	0.308	0.437	0.083	0.100	0.849	2.02 B	8
9	1.80	0.428	0.1128	21.4	22.1	2.38	0.288	0.391	0.085	0.080	1.13	1.78	9
10	1.98	0.418	0.0858	18.1	17.1	3.35	1.48	0.338	0.088	0.078	1.84	1.82	10
11	1.78	0.378	0.0818	15.1	13.8	7.02	8.81	0.287	0.088	0.078	1.78	1.54	11
12	1.38	0.383	0.0888	12.8	14.4	8.72	5.35	0.232	0.085	0.088	1.70	1.45	12
13	0.838	0.384	0.0828	11.4	18.7	4.82	3.32	0.214	0.080	0.098	1.72	1.38	13
14	0.728	0.332	0.0958	10.4	22.3	3.50	2.33	0.177	0.058	0.101	2.00	1.24	14
15	0.648	0.389	18.0 B	10.1	21.0	2.81	1.78	0.148	0.082	0.105	8.41	1.13	15
16	0.583	0.3828	18.5 B	9.81	17.0	2.51	1.42	0.117	0.080	0.191	9.83	1.01 B	16
17	0.856	0.3008	11.4 B	9.42	14.0	2.83	1.19	0.118	0.080	0.228	11.5	0.9348	17
18	0.8008	0.2648	4.87	9.16	11.7	4.23	0.975	0.111	0.085	0.233	10.4	0.8088	18
19	0.882	0.2478	3.45	8.88	9.85	4.33	0.823	0.100	0.088	0.218	8.85	0.8208	19
20	0.898	0.203	3.44	8.04	8.23	3.85	0.709	0.102	0.082	0.368	8.04	0.7868	20
21	0.885	0.224	3.72	7.23	8.91	3.67	0.822	0.134	0.080	0.885	8.12 B	0.7848	21
22	0.8508	0.241	3.08	6.43	8.83	3.30	0.524	0.180	0.080	0.720	8.73 B	0.7208	22
23	0.840	0.234	1.75	5.84	8.03	3.23	0.486	0.139	0.081	0.887	8.14 B	0.8408	23
24	0.884	0.2278	1.87	5.18	4.32	3.00	0.405	0.120	0.083	0.808	8.51 B	0.8808	24
25	0.834	0.2088	2.12	4.84	3.93	2.37	0.380	0.102	0.090	0.869	4.85 B	0.8208	25
26	0.823	0.1888	14.0 B	4.42	3.82	1.89	0.300	0.083	0.082	0.810	4.80 B	0.8208	26
27	0.485	0.1678	30.4 B	4.05	3.82	1.88	0.419	0.071	0.075	0.808	4.35 B	0.8108	27
28	0.471	0.161	82.0 B	3.88	3.38	1.28	2.22	0.073	0.073	0.881	4.02 B	0.8108	28
29	0.483		83.8 B	3.79	3.08	1.03	2.58	0.078	0.082	0.874	3.88 B	0.8018	29
30	0.801		86.0 B	3.88	2.70	0.859	1.74	0.077	0.088	0.818	3.30 B	0.4818	30
31	0.811		42.1 B		2.42		1.18	0.070		0.480		0.482	31
TOTAL	23.081	11.214	327.887	438.21	341.18	81.349	41.227	8.488	2.137	9.021	130.971	40.288	TOTAL
MEAN	0.744	0.401	10.8	14.5	11.0	3.04	1.33	0.274	0.071	0.291	4.03	1.30	MEAN
MAX	1.98	1.07	83.8	34.9	25.3	7.02	8.81	0.913	0.101	0.720	11.5	3.08	MAX
MIN	0.471	0.161	0.082	3.79	2.42	0.859	0.380	0.070	0.088	0.084	0.503	0.482	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.88
MAXIMUM DAILY, 83.8B ON MAR 29
MINIMUM DAILY, 0.058 ON SEP 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 18 00 N
LONG 78 47 28 W
DRAINAGE AREA, 888 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN 1 990	JUL 3 890
FEB 889	AUG 734
MAR 28 300	SEP 185
APR 37 800	OCT 778
MAY 28 500	NOV 10 800
JUN 7 880	DEC 3 480

TOTAL DISCHARGE, 125 000 dam³

JUNCTION CREEK AT SUDBURY - STATION NO. 02CF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2738	0.2888	0.1858	12.2	0.888	0.508	0.288	0.103	0.233	0.178E	0.271	0.2808	1
2	0.2888	0.2888	0.1908	12.3	0.831	0.804	0.234	1.38	0.198	0.212E	0.280	0.2838	2
3	0.2628	0.2638	0.1858	11.7	1.01	0.835	0.208	0.525	0.183	0.130E	0.275	0.2508	3
4	0.2588	0.2608	0.1428	11.7	0.823	0.483	0.177	1.19	0.188	0.130E	0.238	0.2438	4
5	0.2638	0.2658	0.1748	10.8	1.01	0.388	0.178	0.808	0.187	0.288	0.822E	0.2388	5
6	0.2608	0.2628	0.1788	9.25	1.07	0.330	0.188	0.344	0.188	0.284	2.88 E	0.2328	6
7	0.3808	0.2478	0.1748	9.88	1.01	0.283	0.153	0.238	0.183	0.274	1.33 E	0.2298	7
8	0.7008	0.2448	0.1728	9.23	0.943	0.310	0.142	0.204	0.181	0.232	0.838E	0.2238	8
9	0.5408	0.2418	0.1708	8.84	0.788	1.70	0.138	0.188	0.892	0.205	1.08 E	0.2208	9
10	0.4808	0.2388	0.1888	8.51	0.883	1.38	0.278	0.191	0.823	0.388	0.908E	0.2178	10
11	0.4208	0.2338	0.1678	4.00	0.808	0.887	0.200	0.185	0.418	0.384	0.788E	0.2138	11
12	0.3858	0.2298	0.1888	3.04	0.748	0.802	0.182	0.201	0.287	0.842	0.802E	0.2118	12
13	0.3748	0.2278	0.1858	2.87	0.781	0.808	0.148	0.183	0.211	0.387	0.838	0.2088	13
14	0.3808	0.2268	0.8008	3.03	0.843	0.471	0.138	0.180	0.201	0.287	0.488	0.2078	14
15	0.3808	0.2248	1.88 B	3.77	0.887	0.504	0.140	0.804	0.185	0.288	0.805E	0.2088	15
16	0.3408	0.2228	1.35 B	5.00	0.734	3.19	0.134	0.324	0.182	0.842	0.782E	0.2038	16
17	0.3308	0.2208	1.05 B	8.18	0.828	12.8	0.124	0.248	0.172	0.488	0.6008	0.2008	17
18	0.3218	0.2188	0.8808	8.11	0.538	8.83	0.232	0.188	0.158	0.334E	0.6008	0.1988	18
19	0.3148	0.2168	0.8808	7.28	0.485	7.78	0.389	0.183	0.153	0.215	0.4408	0.1838	19
20	0.3068	0.2138	0.9458	8.08	0.482	8.54	0.212	0.180	0.182	1.18 E	0.4058	0.1908	20
21	0.3028	0.2128	0.4858	4.54	1.49	4.57	0.158	0.145	0.132	1.12 E	0.3708	0.1858	21
22	0.2988	0.2118	0.4008	3.26	1.21	1.78	0.135	0.480	0.122	0.889E	0.3508	0.1808	22
23	0.2928	0.2108	0.5008	2.80	0.918	1.19	0.128	0.484	0.128	0.473	0.3358	0.1788	23
24	0.2878	0.2088	0.8808	2.01	0.748	0.818	0.117	0.270	0.137	0.378	0.3208	0.1758	24
25	0.2828	0.2048	1.13	2.00	0.585	0.812	0.118	0.188	0.187	0.324	0.3108	0.1708	25
26	0.2758	0.2038	1.78	1.81	0.888	0.553	0.118	0.168	0.184E	0.288	0.3008	0.1888	26
27	0.2708	0.2028	7.50	1.57	0.838	0.507	0.137	0.163	0.178E	0.272	0.2908	0.1888	27
28	0.2678	0.2008	11.3	1.33	0.488	0.407	0.127	0.158	0.193E	0.287	0.2808	0.1848	28
29	0.2638		9.25	1.15	0.440	0.422	0.118	0.158	0.178E	0.258	0.2748	0.1818	29
30	0.2678		8.86	1.01	0.377	0.322	0.108	0.157	0.178E	0.240	0.2888	0.1808	30
31	0.2708		11.8		0.823		0.103	0.200		0.270		0.1888	31
TOTAL	10.190	8.412	82.788	174.81	24.527	80.800	5.163	10.088	8.825	11.907	17.508	8.280	TOTAL
MEAN	0.329	0.229	2.82	5.82	0.791	2.83	0.167	0.324	0.221	0.384	0.584	0.202	MEAN
MAX	0.700	0.288	11.8	12.3	1.48	12.8	0.358	1.38	0.923	1.18	2.85	0.280	MAX
MIN	0.258	0.200	0.185	1.01	0.377	0.283	0.103	0.103	0.128	0.130	0.238	0.158	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.08
MAXIMUM DAILY, 12.8 ON JUN 17
MINIMUM DAILY, 0.103 ON JUL 31
MAXIMUM INSTANTANEOUS,
16.8 AT 18:38 EST ON MAR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 29 20 N
LONG 80 59 45 W
DRAINAGE AREA, 88.1 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1971

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	880	JUL	445
FEB	554	AUG	889
MAR	5 420	SEP	572
APR	15 100	OCT	1 030
MAY	2 120	NOV	1 510
JUN	5 250	DEC	841

TOTAL DISCHARGE, 34 300 dam³

JUNCTION CREEK BELOW KELLEY LAKE - STATION NO. 02CF012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.52	2.43	2.37	15.0	4.18	2.41	2.00 E	0.858	1.13	0.805	1.42	1.82E	1
2	2.44	2.38	2.37	14.7	4.02	2.43	1.87 E	1.33	1.03	0.898	1.48	1.78E	2
3	2.78	2.38	2.45	15.8	4.08	2.72	1.77 E	1.81	1.08	0.949	1.38	1.78E	3
4	2.58	2.31	2.50	21.1	3.90	2.63	1.68 E	1.97	1.11	0.885	1.31	1.72E	4
5	2.42	2.39	2.32	24.7	3.70	2.92	1.80 E	2.11	1.11	1.04	1.40	1.70E	5
6	2.32	2.42	2.21	21.9	3.62	2.44	1.53 E	1.87	1.17	1.21	2.97	1.68E	6
7	2.22	2.47	2.05	20.3	3.76	2.26	1.47 E	1.28	1.20	1.23	3.48	1.65E	7
8	3.43	2.48	2.00	18.5	3.89	2.14A	1.41 E	1.13	1.28	1.18	3.10	1.63E	8
9	3.87	2.32	1.98	16.7	3.80	2.80E	1.39 E	1.18	1.59	1.10	2.73	1.62E	9
10	3.74	2.32	2.06	14.3	3.80	3.50E	1.72 E	1.13	2.14	1.23	2.71	1.60E	10
11	3.36	2.38	2.23	11.8	3.17	3.30E	1.63 E	1.07	1.93	1.41	2.74	1.58E	11
12	3.08	2.37	2.38	9.62	2.82	3.00E	1.53 E	1.13	1.88	1.45	2.87	1.58E	12
13	2.84	2.38	2.48	8.78	2.93	2.83E	1.48 A	1.17	1.51	1.41	2.88	1.57E	13
14	2.82	2.37	2.88	8.88	3.18	2.70E	1.34	1.20	1.48	1.33	2.48	1.58E	14
15	2.74	2.37	3.84	9.22	3.84	2.50E	1.32	1.80	1.80	1.14	2.33	1.58E	15
16	2.70	2.33	3.88	10.1	3.73	3.80E	1.38	1.48	1.78	1.42	2.85	1.55E	16
17	2.68	2.29	3.41	13.1	3.82	8.80E	1.37	1.33	1.61	1.85	2.84	1.55E	17
18	2.71	2.20	3.24	18.2	3.32	17.0 E	1.43	1.24	1.48	1.28	2.83	1.55E	18
19	2.58	2.23	3.13	18.0	7.03	11.0 E	1.88	1.14	1.43	1.23	2.29	1.54E	19
20	2.81	2.24	3.00	14.4	2.88	7.20E	1.81	1.08	1.37	1.37	2.00	1.54E	20
21	2.55	2.30	2.92	13.1	3.24	5.80E	1.41	1.12	1.37	1.80	1.77	1.53E	21
22	2.54	2.30	2.89	11.5	3.72	5.00E	1.18	1.22	1.34	1.98	1.88	1.53E	22
23	2.84	2.21	2.85	10.0	3.48	4.20E	0.878	1.83	1.18	1.88	2.01	1.52E	23
24	2.63	2.18	2.82	8.88	3.10	3.80E	0.881	1.37	1.10	1.80	2.02	1.52E	24
25	2.47	2.16	3.02	7.85	2.82	3.40E	0.877	1.11	0.883	1.85	2.13	1.52E	25
26	2.41	2.24	3.78	8.70	2.88	3.00E	0.889	1.03	1.05	1.57	2.22	1.51E	26
27	2.37	2.44	4.87	8.19	2.78	2.70E	0.887	1.01	0.889	1.48	2.20	1.51E	27
28	2.37	2.43	17.5	8.88	2.43	2.80E	0.837	1.01	0.782	1.43	2.18	1.50E	28
29	2.32		21.2	8.18	2.40	2.30E	0.888	1.08	0.882	1.38	2.02	1.50E	29
30	2.28		18.2	4.47	2.40	2.17E	0.888	1.04	0.828	1.42	1.90A	1.50E	30
31	2.38		16.3		2.37		0.889	1.05		1.42		1.49E	31
TOTAL	84.03	65.38	160.89	377.84	101.93	120.57	41.210	38.958	38.834	42.077	68.10	49.19	TOTAL
MEAN	2.71	2.34	4.88	12.8	3.28	4.02	1.33	1.28	1.30	1.38	2.27	1.59	MEAN
MAX	3.87	2.48	21.2	24.7	4.18	17.0	2.00	2.11	2.14	1.98	3.48	1.82	MAX
MIN	2.22	2.16	1.98	4.47	2.37	2.14	0.858	0.858	0.782	0.805	1.31	1.49	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.23
MAXIMUM DAILY, 24.7 ON APR 5
MINIMUM DAILY, 0.858 ON AUG 1
MAXIMUM INSTANTANEOUS,
25.9 AT 04:00 EST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 25 38 N
LONG 81 05 50 W
DRAINAGE AREA, 207 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 250	JUL	3 550
FEB	5 850	AUG	3 370
MAR	13 000	SEP	3 380
APR	32 800	OCT	3 840
MAY	6 750	NOV	5 880
JUN	10 400	DEC	4 250

TOTAL DISCHARGE, 102 000 dam³

REMARKS - DATA PRIOR TO 1980 CONTRIBUTED BY ONT. MINISTRY OF THE ENVIRONMENT AND FORMERLY PUBLISHED UNDER STA. NO. 02CF108

KAMINISTIQUIA RIVER AT KAKABEKA FALLS POWERHOUSE - STATION NO. 02AB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	48.4	54.9	53.5	58.4	104	92.0	87.0	45.9	35.1	30.9	31.8	25.8	1
2	48.1	51.5	55.2	56.5	95.7	88.8	86.1	46.3	39.0	33.0	22.2	25.6	2
3	48.1	58.4	55.6	56.3	83.4	85.6	82.8	42.6	37.8	31.4	25.8	26.7	3
4	48.1	60.8	54.4	59.2	96.4	83.7	83.7	45.7	38.3	32.1	22.8	27.1	4
5	49.8	60.2	54.8	60.1	112	82.7	102	48.2	33.2	31.2	24.5	27.8	5
6	50.1	61.0	54.5	55.5	118	76.8	114	48.8	33.9	32.3	24.8	28.7	6
7	48.7	59.9	55.3	57.2	98.9	75.4	114	47.9	34.3	33.0	25.8	28.1	7
8	48.2	60.0	56.4	54.6	103	74.4	115	48.3	33.8	32.2	25.8	24.5	8
9	48.6	59.4	56.4	51.8	103	77.1	111	47.2	33.0	32.4	27.2	28.7	9
10	48.1	60.0	56.4	51.0	130	89.3	108	47.8	29.7	33.0	28.7	28.3	10
11	48.0	58.8	56.4	50.7	147	90.9	110	47.3	30.5	31.4	27.5	25.8	11
12	48.8	58.1	56.0	50.6	147	89.8	93.2	46.5	31.2	32.0	24.8	25.5	12
13	49.4	54.4	55.9	49.4	110	75.6	78.8	48.8	30.6	32.8	26.8	25.8	13
14	47.8	55.3	56.3	59.6	84.3	88.4	77.2	50.8	30.5	31.7	26.7	25.7	14
15	48.0	52.3	54.8	54.2	88.4	85.1	74.6	37.3	30.9	31.8	25.8	26.2	15
16	48.8	53.5	55.0	76.5	88.7	76.8	75.6	29.5	29.4	32.8	23.5	25.4	16
17	48.7	52.9	55.0	88.1	80.4	89.8	72.8	43.4	31.0	32.9	21.8	25.8	17
18	48.8	52.2	58.0	84.8	78.5	85.2	57.0	44.2	30.8	32.9	26.0	26.4	18
19	52.8	58.7	54.1	80.7	88.9	82.3	51.3	43.4	30.8	32.8	25.1	25.8	19
20	55.1	60.0	54.7	88.3	78.1	70.1	34.7	39.1	30.8	33.2	25.3	25.2	20
21	51.4	62.0	54.4	86.6	128	70.8	48.2	36.4	31.0	42.8	23.3	31.9	21
22	48.8	60.6	52.4	91.1	120	72.0	49.5	37.6	32.0	38.6	23.7	42.8	22
23	50.0	54.8	52.9	87.0	117	72.8	50.5	40.3	33.0	32.2	22.1	38.3	23
24	54.3	58.5	52.6	103	124	64.0	49.8	34.9	32.3	31.4	23.2	27.5	24
25	53.6	56.2	52.3	139	131	64.5	50.8	36.4	33.4	33.0	23.7	26.3	25
26	54.6	56.4	53.1	155	132	67.1	48.1	36.4	31.8	32.3	22.2	25.1	26
27	55.1	55.2	53.6	155	135	63.1	48.6	36.8	32.3	26.9	23.3	27.0	27
28	56.6	55.4	56.0	151	116	69.5	50.1	37.8	32.0	32.8	20.5	25.7	28
29	61.5		57.2	133	108	68.2	49.4	38.0	31.5	33.0	20.2	25.2	29
30	65.6		56.5	116	98.8	82.6	48.8	36.2	30.9	32.3	23.2	26.1	30
31	66.2		56.4		94.0		49.4	38.6		33.0		26.9	31
TOTAL	1 566.6	1 594.6	1 702.9	2 508.0	3 325.6	2 294.7	2 314.3	1 306.1	976.2	1 017.2	738.6	841.9	TOTAL
MEAN	51.2	60.5	54.9	83.6	107	76.5	74.7	42.1	32.6	32.8	24.6	27.2	MEAN
MAX	66.2	66.4	57.2	155	147	89.4	115	50.5	39.0	42.9	31.8	42.8	MAX
MIN	46.1	54.9	52.3	58.3	83.9	64.9	34.7	29.5	29.4	26.9	20.2	24.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 55.6
MAXIMUM DAILY, 155 ON APR 27
MINIMUM DAILY, 20.2 ON NOV 28

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 24 56 N
LONG 89 37 51 W
DRAINAGE AREA, 8 710 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	137 000	JUL	200 000
FEB	148 000	AUG	113 000
MAR	147 000	SEP	84 300
APR	217 000	OCT	87 900
MAY	287 000	NOV	63 900
JUN	198 000	DEC	72 700

TOTAL DISCHARGE, 1 750 000 dam³

KAMINISTIQUIA RIVER AT KAMINISTIQUIA - STATION NO. 02AB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	58.08	61.58	60.08	63.2	101	98.2	100	53.1	42.5	38.6	34.5	28.6	1
2	58.08	60.28	60.68	63.6	92.0	95.1	101	50.7	43.7	38.2	27.6	30.4	2
3	58.08	60.28	60.08	64.0	88.6	92.5	98.0	48.2	43.3	35.8	26.9	31.7	3
4	58.08	60.28	60.08	65.6	88.9	91.2	101	54.3	41.3	38.4	28.6	31.6	4
5	58.08	60.28	60.08	68.3	97.6	89.6	114	55.7	38.6	38.1	28.3	32.3	5
6	58.08	60.28	60.08	70.6	112	85.1	128	55.1	39.0	37.4	28.6	31.6	6
7	58.08	60.28	60.08	72.2	98.3	83.1	127	54.7	39.1	36.6	29.7	30.88	7
8	58.08	60.28	63.08	72.0	98.6	83.1	126	55.1	38.8	36.4	31.2	30.08	8
9	54.08	60.28	64.0	70.6	101	83.6	122	53.6	38.2	37.2	31.8	30.88	9
10	54.88	61.08	64.0	69.0	113	75.1	120	54.6	34.6	38.7	31.2	30.08	10
11	58.08	63.58	64.0	68.3	131	71.4	118	54.4	34.1	38.6	31.9	29.78	11
12	58.08	63.58	63.5	67.6	143	69.2	95.0	55.6	36.3	36.6	29.2	29.58	12
13	58.08	63.58	63.6	67.1	112	73.2	86.3	56.9	34.1	36.3	33.1	28.38	13
14	58.08	63.58	63.1	68.2	98.4	88.0	86.7	56.9	35.7	35.8	30.7	28.18	14
15	58.08	63.58	63.2	70.6	94.6	89.8	86.3	56.2	36.0	36.6	29.6	28.88	15
16	54.08	63.58	63.6	76.3	90.0	84.3	85.3	32.1	34.6	37.1	28.1	28.08	16
17	58.08	63.58	63.6	81.2	85.6	78.6	81.6	50.8	34.6	38.2	28.0	28.88	17
18	58.08	63.08	63.1	84.0	81.6	74.2	85.6	50.7	34.6	37.2	28.6	28.18	18
19	58.08	63.08	62.8	80.8	77.0	72.2	81.4	48.6	35.6	37.2	28.3	28.88	19
20	58.58	63.08	63.2	85.3	86.8	76.7	40.8	42.3	34.3	37.6	28.8	28.58	20
21	54.58	63.08	62.3	89.4	128	78.2	57.3	42.4	36.6	46.5	27.0	37.58	21
22	53.08	62.58	60.4	78.2	120	80.2	58.4	43.6	35.8	43.4	27.1	45.08	22
23	53.38	60.08	60.2	77.1	118	81.0	58.9	41.6	36.6	38.7	27.0	34.58	23
24	54.58	60.08	59.8	80.3	124	72.8	59.2	40.8	37.2	37.0	27.2	28.28	24
25	54.08	60.08	59.6	116	133	73.1	57.8	41.8	37.4	37.1	27.1	27.28	25
26	54.08	60.08	60.6	130	131	73.6	57.3	41.2	36.9	36.0	27.3	28.78	26
27	56.08	60.08	60.6	146	124	78.9	55.7	41.9	36.1	36.1	27.0	27.08	27
28	58.58	60.08	62.1	147	117	87.8	57.2	40.9	36.7	37.1	26.3	28.28	28
29	61.08		64.2	132	111	88.0	57.0	39.1	35.2	36.1	26.6	28.68	29
30	64.08		64.4	114	104	97.3	58.6	42.7	33.4	37.3	27.0	28.88	30
31	62.58		64.4		100		56.8	40.4		37.8		28.18	31
TOTAL	1 732.0	1 723.1	1 924.6	2 487.7	3 302.7	2 473.6	2 570.6	1 477.2	1 104.6	1 155.1	886.6	931.1	TOTAL
MEAN	55.9	61.5	62.1	82.9	107	82.5	82.9	47.7	36.8	37.3	28.6	30.0	MEAN
MAX	64.0	63.5	64.4	147	143	98.2	127	56.9	43.7	46.5	34.5	45.0	MAX
MIN	53.0	60.0	59.6	60.8	77.0	69.2	40.8	32.1	33.4	36.1	26.1	28.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 59.6
MAXIMUM DAILY, 147 ON APR 26
MINIMUM DAILY, 28.68 ON DEC 29
MAXIMUM INSTANTANEOUS,
152 AT 06:26 EST ON APR 20

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 31 58 N
LONG 89 35 39 W
DRAINAGE AREA, 8 480 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	150 000	JUL	222 000
FEB	148 000	AUG	126 000
MAR	185 000	SEP	85 500
APR	218 000	OCT	98 600
MAY	285 000	NOV	74 800
JUN	214 000	DEC	80 400

TOTAL DISCHARGE, 1 680 000 dam³

KAMINISTIQUIA RIVER AT OUTLET OF DOG LAKE - STATION NO. 02AB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	31.3	42.0	46.1	49.7	0	40.8	51.0	35.9	29.1	23.3	20.1	18.3	1
2	31.7	42.8	46.0	49.6	0	40.6	52.0	33.5	30.0	24.0	19.8	20.8	2
3	32.0	41.8	46.2	49.7	0	40.9	51.3	35.6	28.9	23.4	19.8	20.1	3
4	31.9	41.2	46.1	50.0	0	41.1	50.8	36.2	23.7	22.9	19.4	20.8	4
5	32.2	41.4	46.1	49.8	0	40.8	53.3	41.8	18.4	21.7	19.8	19.8	5
6	31.2	41.4	46.0	50.0	0	40.8	52.7	40.8	19.8	25.3	19.8	19.9	6
7	31.8	41.4	46.3	49.8	0	40.8	53.5	40.4	17.7	23.5	17.0	20.2	7
8	32.1	41.2	46.4	50.2	0	40.7	52.3	39.7	18.6	26.8	15.2	20.4	8
9	33.3	41.1	47.7	50.1	0	40.7	51.4	40.7	18.8	24.1	15.2	20.4	9
10	33.4	46.4	48.2	50.2	17.2	40.8	50.8	40.8	20.9	23.0	15.7	19.8	10
11	33.4	47.8	48.4	50.0	38.8	40.4	74.8	41.0	23.1	27.0	14.7	20.3	11
12	33.8	47.8	48.8	50.1	27.4	40.8	56.1	42.5	18.8	28.8	14.3	20.8	12
13	33.4	47.7	48.8	48.8	0	41.0	54.8	42.7	23.8	22.5	15.4	20.1	13
14	33.2	47.8	48.8	50.8	0	40.8	55.4	30.0	19.7	23.8	14.5	20.8	14
15	33.2	47.9	48.7	50.7	0	41.5	54.5	12.7	20.3	25.8	15.4	19.4	15
16	32.7	48.0	48.4	44.0	0	41.1	54.8	24.1	21.7	24.8	13.7	20.0	16
17	33.8	48.4	49.0	27.8	0	41.2	48.2	34.8	23.4	22.9	18.1	20.2	17
18	33.8	47.8	48.8	21.7	0	42.1	41.1	33.8	20.1	24.8	15.1	19.8	18
19	30.4	48.3	48.8	21.8	0	48.3	37.5	31.8	23.8	22.8	14.7	20.0	19
20	19.8	47.9	48.8	30.1	19.8	55.3	23.9	26.4	19.9	33.4	14.2	23.5	20
21	20.4	48.0	48.7	27.8	17.3	55.0	38.0	26.0	22.3	30.9	15.0	37.9	21
22	19.5	48.1	48.6	0	19.2	55.5	41.3	27.8	21.9	28.6	14.9	37.9	22
23	23.9	48.0	48.5	0	36.1	46.8	41.1	18.8	21.8	24.0	14.4	17.0	23
24	26.2	48.2	48.5	3.00	40.2	39.2	41.0	23.0	20.8	25.9	14.8	18.4	24
25	26.8	47.8	48.4	0	47.1	39.8	41.4	24.1	21.2	22.9	14.5	20.0	25
26	26.3	47.9	48.3	0	40.7	46.3	39.8	24.4	22.7	23.2	15.7	20.7	26
27	26.8	47.4	47.7	0	40.6	55.4	40.4	30.0	22.5	25.9	14.3	20.2	27
28	23.0	47.9	50.1	0	40.7	54.6	40.7	23.9	24.1	26.3	14.8	20.1	28
29	39.0		50.3	0	40.8	54.2	40.7	25.1	20.1	24.8	14.8	20.8	29
30	42.8		50.1	0	41.0	55.7	40.8	28.4	21.8	24.8	15.4	20.8	30
31	42.8		50.3		40.8		38.1	27.4		19.0		20.8	31
TOTAL	987.5	1 282.3	1 509.0	926.00	806.5	1 342.4	1 718.9	987.1	656.0	767.9	456.1	881.0	TOTAL
MEAN	31.2	45.8	48.7	30.8	16.4	44.7	55.4	31.8	21.8	24.8	15.2	21.3	MEAN
MAX	42.8	48.4	50.3	50.8	47.1	55.7	93.5	42.7	30.0	33.4	20.1	37.9	MAX
MIN	19.5	41.1	47.7	0	0	39.2	23.9	12.7	18.4	19.0	13.4	17.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 32.3
MAXIMUM DAILY, 93.5 ON JUL 7
MINIMUM DAILY, 0 ON APR 23

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 42 30 N
LONG 89 36 00 W
DRAINAGE AREA, 3 760 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	83 500	JUL	148 000
FEB	111 000	AUG	85 300
MAR	130 000	SEP	56 700
APR	80 000	OCT	66 300
MAY	43 900	NOV	38 400
JUN	118 000	DEC	87 100

TOTAL DISCHARGE, 1 030 000 dam³

KAPUSKASING RIVER AT KAPUSKASING - STATION NO. 04LF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	44.0	27.0	19.0	19.0	187	213	77.0	21.0	28.0	23.0	102	50.0	1
2	39.0	26.0	19.0	21.0	224	195	73.0	19.0	27.0	23.0	93.0	50.0	2
3	39.0	25.0	18.0	23.0	288	188	72.0	23.0	27.0	20.0	96.0	48.0	3
4	38.0	23.0	19.0	21.0	338	182	85.0	25.0	23.0	26.0	85.0	42.0	4
5	37.0	23.0	19.0	23.0	411	180	59.0	28.0	25.0	19.0	85.0	40.0	5
6	37.0	23.0	17.0	24.0	458	157	58.0	37.0	25.0	20.0	92.0	48.0	6
7	37.0	19.0	17.0	19.0	450	153	58.0	37.0	25.0	21.0	109	48.0	7
8	38.0	25.0	17.0	20.0	442	138	54.0	38.0	22.0	22.0	97.0	34.0	8
9	37.0	25.0	19.0	25.0	429	149	50.0	41.0	17.0	26.0	107	40.0	9
10	33.0	23.0	16.0	27.0	408	184	50.0	35.0	20.0	27.0	117	44.0	10
11	33.0	23.0	18.0	29.0	408	197	64.0	36.0	19.0	19.0	117	37.0	11
12	35.0	21.0	16.0	23.0	408	188	78.0	31.0	21.0	23.0	114	33.0	12
13	34.0	21.0	19.0	27.0	428	179	81.0	31.0	17.0	25.0	97.0	37.0	13
14	33.0	21.0	17.0	28.0	458	185	63.0	29.0	17.0	21.0	87.0	34.0	14
15	33.0	21.0	16.0	29.0	458	159	59.0	27.0	17.0	23.0	93.0	33.0	15
16	33.0	21.0	19.0	31.0	445	134	53.0	29.0	15.0	27.0	88.0	33.0	16
17	30.0	21.0	14.0	34.0	428	138	51.0	31.0	14.0	21.0	83.0	33.0	17
18	32.0	21.0	19.0	30.0	408	131	51.0	34.0	15.0	22.0	75.0	33.0	18
19	31.0	21.0	16.0	34.0	374	127	37.0	33.0	15.0	21.0	80.0	31.0	19
20	31.0	21.0	18.0	39.0	348	125	44.0	31.0	15.0	21.0	82.0	29.0	20
21	31.0	18.0	18.0	37.0	404	117	38.0	28.0	15.0	21.0	71.0	24.0	21
22	31.0	21.0	14.0	40.0	451	112	35.0	30.0	15.0	23.0	88.0	29.0	22
23	31.0	21.0	18.0	43.0	441	111	33.0	30.0	15.0	27.0	88.0	29.0	23
24	31.0	14.0	18.0	53.0	441	101	35.0	31.0	15.0	23.0	88.0	28.0	24
25	28.0	20.0	19.0	62.0	408	90.0	29.0	32.0	15.0	37.0	84.0	21.0	25
26	27.0	19.0	16.0	71.0	378	88.0	40.0	33.0	15.0	38.0	86.0	25.0	26
27	27.0	21.0	16.0	88.0	348	89.0	36.0	32.0	21.0	55.0	83.0	25.0	27
28	27.0	17.0	16.0	105	317	90.0	28.0	33.0	18.0	58.0	49.0	25.0	28
29	27.0		19.0	143	278	87.0	23.0	31.0	19.0	53.0	50.0	25.0	29
30	26.0		16.0	175	258	84.0	26.0	30.0	21.0	43.0	50.0	25.0	30
31	23.0		19.0		233		23.0	30.0		82.0		25.0	31
TOTAL	1 017.0	602.0	535.0	1 342.0	11 734	4 233.0	1 568.0	959.0	575.0	888.0	2 483.0	1 053.0	TOTAL
MEAN	32.8	21.5	17.3	44.7	378	141	50.8	30.9	19.2	28.8	82.1	34.0	MEAN
MAX	44.0	27.0	19.0	175	458	213	84.0	41.0	28.0	82.0	117	50.0	MAX
MIN	23.0	14.0	14.0	19.0	187	84.0	23.0	19.0	14.0	19.0	49.0	21.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 73.8
MAXIMUM DAILY, 458 ON MAY 6
MINIMUM DAILY, 14.0 ON FEB 24

DATA CONTRIBUTED BY -
SPRUCE FALLS POWER AND PAPER COMPANY

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 25 04 N
LONG 82 26 15 W
DRAINAGE AREA, 6 760 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	87 800	JUL	135 000
FEB	52 000	AUG	82 900
MAR	46 200	SEP	49 700
APR	116 000	OCT	76 700
MAY	1 010 000	NOV	213 000
JUN	366 000	DEC	91 000

TOTAL DISCHARGE, 2 330 000 dam³

KASHABOWIE RIVER AT OUTLET OF KASHABOWIE LAKE - STATION NO. 02AB013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.50	7.90	4.80	3.80	0.700	10.6	7.80	1.80	4.30	2.80	2.00	3.10	1
2	5.50	7.80	4.80	3.80	1.00	10.6	7.80	1.90	3.90	3.10	2.00	3.00	2
3	5.50	7.70	4.80	3.80	1.40	10.6	7.80	2.30	3.80	2.80	2.00	3.00	3
4	5.20	7.60	4.70	3.70	2.10	10.1	7.80	2.50	3.80	2.80	2.00	3.00	4
5	5.20	7.20	4.80	3.70	---	8.90	7.80	2.50	3.80	2.80	2.00	3.00	5
6	5.00	7.10	4.50	3.60	5.90	8.50	8.80	2.20	3.80	2.80	3.50	2.80	6
7	5.00	6.90	4.40	3.60	8.40	8.90	8.80	2.20	3.80	2.80	4.80	2.80	7
8	5.00	6.80	4.40	3.80	8.70	8.90	8.80	2.20	3.80	2.80	4.80	2.80	8
9	4.80	6.80	4.30	3.80	15.9	8.80	8.80	2.20	3.30	2.80	4.40	2.80	9
10	4.80	6.50	4.30	3.80	22.1	8.60	8.80	2.20	3.10	2.80	4.30	2.80	10
11	4.80	6.40	4.20	3.80	22.1	8.80	8.80	2.20	3.10	2.80	4.20	2.70	11
12	4.80	6.30	4.20	3.80	21.8	8.80	7.90	2.20	3.10	2.80	4.10	2.70	12
13	4.80	6.20	4.10	3.80	21.1	7.30	7.80	2.50	3.10	2.80	4.00	2.70	13
14	4.80	6.10	4.20	3.80	20.8	7.80	8.80	2.50	3.10	2.40	3.90	2.70	14
15	4.80	6.00	4.20	3.80	20.1	7.80	8.80	2.80	2.80	2.40	3.80	2.70	15
16	4.80	5.90	4.10	3.80	19.7	8.80	8.20	2.80	2.80	2.40	3.80	2.70	16
17	4.80	5.80	4.00	3.80	19.3	7.10	8.20	2.50	2.80	2.30	3.80	2.70	17
18	7.80	5.70	3.80	1.20	18.3	7.10	8.10	2.50	2.80	2.30	3.70	2.80	18
19	10.8	5.60	3.90	0	17.8	7.10	8.10	2.20	2.80	2.30	3.60	2.80	19
20	10.7	5.50	3.80	0	17.5	7.10	8.70	2.20	2.80	2.20	3.60	2.80	20
21	10.2	5.40	3.70	0	17.5	8.50	1.00	2.20	2.80	2.00	3.50	2.80	21
22	10.1	5.40	3.70	0	17.5	8.50	1.20	2.20	2.80	2.00	3.40	2.80	22
23	9.90	5.30	3.60	0	17.1	8.50	1.20	2.20	2.80	2.00	3.40	2.80	23
24	9.50	5.20	3.60	0	16.7	8.50	1.20	2.20	2.80	2.00	3.30	2.80	24
25	9.30	5.20	3.60	0	16.3	8.50	1.30	2.70	2.80	1.80	3.30	2.40	25
26	9.10	5.10	3.70	0	15.9	8.80	1.30	2.70	2.80	1.80	3.20	2.40	26
27	9.00	5.10	3.70	0	15.5	8.80	1.90	2.70	2.80	1.80	3.20	2.40	27
28	8.80	4.90	3.70	0	15.2	7.20	1.90	3.70	2.80	1.80	3.20	2.40	28
29	8.50		3.80	0.150	13.3	7.20	1.90	4.60	2.80	1.80	3.20	2.40	29
30	8.20		3.70	0.550	10.9	7.20	1.90	4.30	2.80	1.80	3.10	2.30	30
31	8.00		3.70		10.8		1.80	4.30		1.80		2.30	31
TOTAL	214.40	173.30	126.80	63.800	---	223.70	156.90	80.00	93.80	71.20	103.10	82.70	TOTAL
MEAN	6.92	6.18	4.08	2.13	---	7.45	5.38	2.58	3.13	2.30	3.44	2.67	MEAN
MAX	10.8	7.90	4.80	3.80	---	10.6	8.80	4.60	4.30	3.10	4.80	3.10	MAX
MIN	4.80	4.90	3.60	0	---	6.50	1.00	1.90	2.80	1.80	2.00	2.30	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 38 25 N
LONG 90 25 03 W
DRAINAGE AREA, 526 km²

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED SINCE 1953

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 500	JUL	14 400
FEB	15 000	AUG	6 910
MAR	11 000	SEP	8 100
APR	5 520	OCT	8 150
MAY	---	NOV	8 910
JUN	19 300	DEC	7 150

KAWINOGANS RIVER NEAR PICKLE CROW - STATION NO. 04PA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.708	8.338	3.888	2.958	9.87	31.3	21.6	7.83	12.8	11.8 E	7.48E	8.218	1
2	8.688	8.288	3.948	2.828	12.2	29.8	20.8	7.88	11.8	12.2 E	7.78E	8.188	2
3	8.658	8.238	3.818	2.908	15.3	29.1	20.3	8.17	11.8	12.8 E	7.80E	8.178	3
4	8.638	8.198	3.678	2.888	17.7	29.2	19.8	8.42	10.8	12.3 E	7.48E	8.118	4
5	8.608	8.118	3.838	2.898	19.1	29.5	19.2	8.74	14.8	11.8 E	7.28E	8.088	5
6	8.568	8.088	3.808	2.848	19.8	29.8	20.0	9.39	16.1	11.8 E	7.18E	8.038	6
7	8.558	8.048	3.778	2.838	20.9	28.7	19.4	9.41	22.6	11.7 E	7.00E	8.008	7
8	8.538	4.968	3.728	2.828	21.7	27.3	21.1	9.27	29.4	11.8 E	6.95E	8.888	8
9	8.488	4.928	3.688	2.828	23.0	26.2	22.2	9.03	31.8	11.6 E	6.80E	8.858	9
10	8.468	4.888	3.648	2.818	24.0	25.1	23.2	8.88	32.8	10.9 E	6.83E	8.828	10
11	8.408	4.838	3.608	2.838	26.4	23.8	22.0	8.69	31.1	11.2 E	6.87E	8.888	11
12	8.388	4.788	3.578	2.848	27.5	22.4	20.3	8.38	29.1	11.3 E	7.00E	8.868	12
13	8.348	4.738	3.538	2.888	26.4	21.8	18.2	7.76	26.9	11.1 E	7.03E	8.838	13
14	8.308	4.698	3.498	2.888	25.4	21.0	16.6	7.52	24.9	10.8 E	7.00E	8.808	14
15	8.288	4.648	3.478	2.918	30.5	20.0	15.4	7.14	23.5	10.1 E	8.99E	8.788	15
16	8.228	4.588	3.438	2.848	30.2	18.8	14.4	6.81	22.0	10.2 E	8.93E	8.758	16
17	8.188	4.538	3.388	2.988	30.1	17.6	13.6	6.59	20.7	10.3 E	8.88E	8.738	17
18	8.138	4.488	3.388	3.048	30.1	16.9	13.3	6.38	19.9	10.2 E	8.80E	8.708	18
19	8.088	4.468	3.338	3.128	29.8	16.1	12.8	6.28	18.4	10.2 E	8.78E	8.688	19
20	8.028	4.418	3.288	3.188	29.7	15.0	11.9	6.34	17.4	10.0 E	8.70E	8.638	20
21	8.988	4.368	3.278	3.278	30.7	14.7	11.7	6.53	17.0	9.80E	8.88E	8.808	21
22	8.978	4.328	3.238	3.40	31.3	14.6	11.3	6.39	16.1	9.30E	8.60E	8.588	22
23	8.888	4.288	3.208	3.58	31.0	14.5	10.8	6.23	15.8E	9.08E	8.58E	8.588	23
24	8.808	4.248	3.188	3.81	29.2	14.6	10.2	6.06	15.3E	8.90E	8.50E	8.548	24
25	8.738	4.208	3.138	4.31	28.6	14.6	9.85	6.01	14.4E	8.70E	8.45E	8.528	25
26	8.678	4.148	3.118	4.83	33.1	16.1	10.0	5.76	14.2E	8.60E	8.40E	8.508	26
27	8.628	4.088	3.088	5.67	34.4	18.0	9.78	7.47	13.8E	8.55E	8.35E	8.488	27
28	8.588	4.078	3.038	6.59	34.8	22.1	9.31	8.26	13.3E	8.20E	8.32E	8.458	28
29	8.528		3.008	8.07	34.4	22.6	8.81	8.43	12.7E	8.70E	8.28E	8.428	29
30	8.488		2.988	8.09	33.9	22.6	8.35	11.4	12.2E	8.38E	8.26E	8.418	30
31	8.368		2.978		32.8		8.06	12.4		8.00E		8.388	31
TOTAL	190.78	130.88	106.78	110.81	829.37	654.3	478.37	244.88	571.8	320.48	208.27	178.74	TOTAL
MEAN	8.18	4.67	3.44	3.70	26.8	21.8	15.3	7.80	19.1	10.3	6.88	5.77	MEAN
MAX	8.70	8.33	3.88	8.09	34.8	31.3	23.2	12.4	32.8	12.8	7.85	8.21	MAX
MIN	8.38	4.07	2.97	2.81	9.87	14.8	8.06	6.28	10.8	8.00	6.26	8.38	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.0
MAXIMUM DAILY, 34.8 ON MAY 28
MINIMUM DAILY, 2.818 ON APR 10
MAXIMUM INSTANTANEOUS,
36.1 AT 21:33 EST ON MAY 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 40 N
LONG 89 53 30 W
DRAINAGE AREA, 1 540 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 900	JUL	41 100
FEB	11 300	AUG	21 200
MAR	9 230	SEP	48 400
APR	9 580	OCT	27 700
MAY	71 700	NOV	17 800
JUN	55 500	DEC	15 400

TOTAL DISCHARGE, 347 000 dam³

KEMPTVILLE CREEK NEAR KEMPTVILLE - STATION NO. 02LA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.780B	2.38 B	0.342B	25.2	4.32	2.87	1.55	0.988	0.214	0.410	2.82	4.90 B	1
2	0.738B	2.00 B	0.337B	22.8	4.84	2.80	1.52	0.908	0.196	0.480	2.82	4.25 B	2
3	0.691B	1.80 B	0.331B	24.8	5.44	2.70	1.44	0.883	0.188	0.447	2.51	3.87 B	3
4	0.863B	1.40 B	0.326B	25.0	10.2	2.77	1.36	0.870A	0.180	0.422	2.44	3.52 B	4
5	0.818B	1.11 B	0.318B	25.6	9.78	2.83	1.29	0.821	0.155	0.412	2.38	3.28 B	5
6	0.892B	0.900B	0.312B	25.5	8.85	2.70	1.21	0.869	0.180	0.448	2.45	3.10 B	6
7	0.862B	0.780B	0.307B	24.2	13.6	2.47	1.12	0.848	0.152	0.403	2.52	2.90 B	7
8	1.01 B	0.710B	0.302B	22.0	17.4	2.24	1.05	0.782	0.131	0.370	2.98	2.85 B	8
9	1.18 B	0.850B	0.297B	20.1	18.2	2.01	1.00	0.752	0.124	0.322	4.12	2.48 B	9
10	0.970B	0.897B	0.291B	18.0	16.9	2.49	1.70	0.711	0.125	0.297	4.92	2.30 B	10
11	0.808B	0.880B	0.285B	16.1	13.9	4.16	1.27	0.884	0.113	0.285	5.52	2.10 B	11
12	0.700B	0.830B	0.281B	14.8	14.8	5.08	1.25	0.872	0.104	0.238	5.80	1.83 B	12
13	0.658B	0.812B	0.274B	13.0	18.4	5.79	1.21	0.880	0.107	0.218	5.81	1.80 B	13
14	0.818B	0.692B	0.302B	12.0	18.5	4.93	1.15	0.837	0.097	0.188	6.12	1.89 B	14
15	0.580B	0.478B	8.52 B	11.3	16.3	3.90	1.14	0.841	0.088	0.170	7.72	1.88 B	15
16	0.557B	0.458B	8.80 B	10.8	13.4	3.32	1.24	0.823	0.080	0.311	8.44	1.48 B	16
17	0.532B	0.445B	7.08 B	10.5	11.8	3.71	1.40	0.862	0.095	0.372	10.8	1.38 B	17
18	0.512B	0.438B	7.28 B	10.8	10.1	4.82	1.55	0.809	0.101	0.511	11.2	1.31 B	18
19	0.500B	0.430B	7.35 B	10.4	8.75	5.40	1.61	0.681	0.088	0.518	11.1	1.25 B	19
20	0.480B	0.420B	8.87 B	9.84	7.81	5.53	1.82	0.470	0.118	0.880	10.9	1.20 B	20
21	0.470B	0.410B	5.58 B	9.01	8.76	5.40	1.59	0.486	0.126	1.77	10.4	1.13 B	21
22	0.462B	0.403B	4.80 B	8.09	8.08	4.81	1.57	0.467	0.125	2.38	9.00B	1.08 B	22
23	0.450B	0.395B	4.10 B	7.38	5.37	4.36	1.54	0.446	0.281	2.88	9.90B	1.02 B	23
24	0.458B	0.387B	3.80 B	8.84	4.88	3.82	1.47	0.395	0.307	3.27	8.40B	0.978B	24
25	0.452B	0.380B	4.00 B	8.39	3.39	3.31	1.39	0.363	0.382	4.48	7.10B	0.941B	25
26	0.450B	0.373B	7.86 B	5.88	3.46	2.82	1.29	0.282	0.431	3.78	6.30B	0.910B	26
27	0.443B	0.368B	14.9 B	4.24	3.53	2.49	1.28A	0.276	0.472	3.39	5.34B	0.880B	27
28	0.440B	0.358B	24.2 B	4.49	3.28	2.22	1.37	0.251	0.431	3.22	5.40B	0.850B	28
29	0.482B		34.8 B	4.59	2.98	1.63	1.24	0.242	0.417	2.88	7.08B	0.858B	29
30	0.595B		35.0	4.49	2.77	1.17	1.16	0.224	0.418	2.75	8.00B	0.845B	30
31	0.780B		30.9		2.73		1.09	0.191		2.55		0.840B	31
TOTAL	19.206	19.973	216.284	413.35	285.70	104.23	41.25	18.021	8.006	41.285	190.85	58.353	TOTAL
MEAN	0.620	0.713	6.98	13.8	9.22	3.47	1.33	0.581	0.200	1.33	6.38	1.81	MEAN
MAX	1.18	2.38	35.0	25.6	18.2	5.79	1.82	0.885	0.472	4.48	11.2	4.90	MAX
MIN	0.440	0.368	0.274	4.24	2.73	1.17	1.00	0.191	0.080	0.188	2.38	0.840	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.88
MAXIMUM DAILY, 35.0 ON MAR 30
MINIMUM DAILY, 0.080 ON SEP 18

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 59 38 N
LONG 75 38 46 W
DRAINAGE AREA, 409 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1951

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 980	JUL	3 580
FEB	1 730	AUG	1 580
MAR	18 700	SEP	519
APR	35 700	OCT	3 570
MAY	24 700	NOV	16 500
JUN	9 010	DEC	5 130

TOTAL DISCHARGE, 122 000 dam³

KENNY CREEK NEAR BURFORD - STATION NO. 02GB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.910B	1.91	0.180B	2.32	0.338E	0.258E	0.224	0.027	0.032	0.028	0.077	0.549B	1
2	0.837B	1.56	0.148B	1.88	0.318E	0.338A	0.181	0.026	0.034	0.026	0.061	0.429B	2
3	0.708B	1.01 B	0.148B	1.80	0.292E	0.378	0.158	0.022	0.026	0.024	0.075	0.355B	3
4	0.582B	0.858B	0.154B	3.78	0.288E	0.386	0.158	0.032	0.021	0.023	0.074	0.328B	4
5	0.527B	0.800B	0.148B	4.63	0.281E	0.347	0.148	0.041	0.017	0.022	0.089	0.280	5
6	0.484B	0.832	0.139B	2.97	0.280E	0.288	0.135	0.032	0.022	0.022	0.108	0.262B	6
7	0.457	0.367B	0.126B	2.15	0.358E	0.214	0.121	0.028	0.025	0.022	0.171	0.238B	7
8	1.06 B	0.316B	0.108B	1.58	0.331E	0.179	0.105	0.027	0.021	0.023	0.408	0.225B	8
9	3.37 B	0.298B	0.098B	1.28	0.294E	0.220	0.095	0.025	0.018	0.022	0.516	0.210B	9
10	3.33 B	0.272	0.285B	1.10	0.258E	0.235	0.091	0.023	0.015	0.034	0.470	0.187	10
11	1.81	0.252	0.650B	1.02	0.270E	0.191	0.084	0.024	0.015	0.084	0.337	0.181B	11
12	0.898	0.242	1.21	1.03	0.294E	0.180	0.078	0.024	0.013	0.081	0.308	0.172B	12
13	0.800B	0.228	0.780	1.28	0.354E	0.159	0.071	0.022	0.011	0.081	0.142	0.162	13
14	0.758B	0.242B	0.717	1.32	0.472E	0.157	0.083	0.021	0.015	0.041	0.128	0.155	14
15	0.800B	0.311B	1.18 B	1.42	0.418E	0.184	0.067	0.023	0.019	0.033	0.371	0.149	15
16	0.635	0.281B	1.23	1.73 E	0.324E	0.155	0.054	0.030	0.018	0.033	1.41	0.148B	16
17	0.474	0.280B	0.629	1.78 E	0.278E	0.160	0.049	0.025	0.021	0.039	2.20	0.142B	17
18	0.437B	0.259	1.01 B	1.84 E	0.236E	0.198	0.048	0.022	0.020	0.054	1.38	0.139B	18
19	0.402B	0.220	3.27 B	1.61 E	0.201E	0.202E	0.047	0.023	0.021	0.062	0.801	0.137B	19
20	0.391B	0.204	4.17	1.38 E	0.282E	0.311E	0.054	0.023	0.020	0.110	0.818	0.135B	20
21	0.380B	0.203	1.91	0.992E	0.258E	0.434E	0.067	0.027	0.018	0.214	0.582B	0.132B	21
22	0.366	0.195B	1.16 B	0.778E	0.232E	0.555	0.080	0.023	0.026	0.325	0.460B	0.129B	22
23	0.348	0.184B	1.07 B	0.641E	0.212E	1.14	0.054	0.023	0.057	0.257	0.310B	0.126B	23
24	0.370	0.174B	2.84	0.560E	0.194E	0.810	0.048	0.020	0.081	0.180	0.228	0.124B	24
25	0.378B	0.167	3.02	0.502E	0.209E	2.47	0.045	0.018	0.047	0.140	0.185	0.122B	25
26	0.604	0.153	3.90	0.465E	0.238E	1.88	0.043	0.015	0.042	0.198	0.180	0.128B	26
27	1.41	0.155	3.59	0.435E	0.264E	0.930	0.045	0.012	0.038	0.148	0.155	0.124B	27
28	1.17	0.151B	3.45	0.410E	0.230E	0.691	0.043	0.011	0.032	0.095	0.388	0.132B	28
29	0.934		5.54	0.378E	0.204E	0.393	0.038	0.014	0.028	0.129	0.708	0.118B	29
30	1.45		5.08	0.385E	0.188E	0.287	0.032	0.012	0.026	0.091	0.8958	0.121B	30
31	1.91		3.30		0.170E		0.028	0.010		0.081		0.148B	31
TOTAL	28.914	11.615	81.487	43.224	8.513	14.132	2.533	0.703	0.780	2.851	13.800	5.880	TOTAL
MEAN	0.933	0.415	1.88	1.44	0.275	0.471	0.082	0.023	0.026	0.086	0.450	0.193	MEAN
MAX	3.37	1.91	5.54	4.63	0.472	2.47	0.324	0.041	0.081	0.325	2.20	0.549	MAX
MIN	0.349	0.151	0.098	0.385	0.170	0.154	0.029	0.010	0.011	0.022	0.069	0.118	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.504
MAXIMUM DAILY, 5.54 ON MAR 29
MINIMUM DAILY, 0.010 ON AUG 31
MAXIMUM INSTANTANEOUS,
5.58 AT 15:15 EST ON MAR 29

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 05 57 N
LONG 80 25 15 W
DRAINAGE AREA, 81.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 800	JUL	219
FEB	1 000	AUG	80.7
MAR	4 450	SEP	67.4
APR	3 730	OCT	228
MAY	736	NOV	1 170
JUN	1 220	DEC	817

TOTAL DISCHARGE, 15 800 dam³

KENOGAMI RIVER AT KENOGAMI DAM - STATION NO. 04JD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	5	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	0	0	0	0	0	0	18
19	0	0	0	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	0	0	0	0	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	0	0	0	0	0	0	0	0	0	0	0	0	24
25	0	0	0	0	0	0	0	0	0	0	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0	0	0	0	0	0	0	0	0	0	27
28	0	0	0	0	0	0	0	0	0	0	0	0	28
29	0	0	0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0	0	0	0	0	0	0	0	30
31	0		0		0		0	0		0		0	31
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	TOTAL
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	MEAN
MAX	0	0	0	0	0	0	0	0	0	0	0	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON JAN 1
MINIMUM DAILY, 0 ON JAN 1

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 55 05 N
LONG 88 29 17 W
DRAINAGE AREA, 4 270 km²

REGULATED SINCE 1939

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	0
JUN	0	DEC	0

TOTAL DISCHARGE, 0 dam³

KENOGAMI RIVER NEAR MAMMAMATTAWA - STATION NO. 04JG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	100 B	84.0B	82.0B	85.0B	5900B	889	186	78.9	57.7	91.3	183	123 B	1
2	96.0B	83.5B	81.5B	87.0B	6800B	805	183	76.4	56.4	91.0	1580	114 B	2
3	96.0B	82.5B	81.5B	89.0B	8800B	747	161	79.8	54.4	97.3	1520	114 B	3
4	94.0B	82.0B	81.0B	90.5B	1 1800	717	140	85.1	52.8	99.8	1500	110 B	4
5	92.0B	81.0B	81.0B	92.0B	1 5000	681	131	90.8	52.0	103	1520	107 B	5
6	90.5B	80.5B	80.5B	94.0B	1 800	639	125	102	50.5	113	1500	103 B	6
7	89.0B	80.0B	80.5B	96.0B	1 880	592	117	108	48.8	131	1720	100 B	7
8	87.5B	79.5B	80.0B	97.5B	1 880	550	113	122	48.7	145	1660	98.0B	8
9	86.0B	56.5B	80.0B	99.5B	1 850	510	111	125	47.2	153	2000	99.0B	9
10	85.0B	56.0B	48.8B	71.5B	1 830	477	113	126	44.9	156	2100	93.0B	10
11	84.0B	87.5B	49.5B	74.0B	1 800	448	118	120	43.9	151	2080	90.0B	11
12	83.0B	86.5B	49.1B	76.5B	1 800	417	121	117	47.2	152	2038	87.0B	12
13	82.0B	86.0B	48.6B	78.0B	1 850	387	125	112	53.6	151	1939	85.0B	13
14	80.5B	85.0B	48.2B	82.5B	1 950	359	123	106	50.2	145	1828	83.0B	14
15	79.5B	85.5B	48.1B	85.0B	2 020	335	116	103	50.5	138	1728	81.0B	15
16	78.0B	85.0B	48.0B	89.0B	2 010	312	107	101	51.3	138	1718	79.5B	16
17	77.0B	85.0B	48.0B	93.5B	1 920	293	101	94.8	51.1	128	1728	77.5B	17
18	76.0B	84.5B	48.0B	89.0B	1 800	276	97.4	88.1	48.8	118	1778	76.0B	18
19	75.0B	84.5B	48.0B	102 B	1 700	258	93.7	83.4	47.0	112	1849	74.5B	19
20	74.0B	84.0B	48.0B	110 B	1 800	243	93.0	80.0	51.2	108	1888	73.0B	20
21	73.0B	84.0B	47.8B	122 B	1 870	228	92.1	78.3	52.3	106	1898	71.5B	21
22	72.0B	84.0B	47.7B	137 B	1 780	212	91.8	72.9	54.3	103	1848	70.0B	22
23	71.0B	83.5B	47.5B	152 B	1 730	200	90.4	72.7	52.6	103	1778	68.5B	23
24	70.5B	83.5B	47.2B	176 B	1 850	195	88.1	69.2	108	102	1888	67.0B	24
25	69.5B	53.0B	47.2B	210 B	1 930	188	85.7	67.1	123	104	1898	66.0B	25
26	98.0B	53.0B	47.5B	245 B	1 480	180	87.3	65.1	128	105	1818	65.0B	26
27	96.0B	52.5B	47.8B	300 B	1 370	181	82.2	83.3	119	106	1438	64.2B	27
28	97.0B	52.5B	48.5B	380 B	1 270	180	88.8	82.3	111	111	1388	63.5B	28
29	95.5B		50.0B	425 B	1 170	178	89.8	80.8	105	122	1338	62.7B	29
30	95.5B		51.5B	500 B	1 080	171	87.8	80.4	98.2	138	1288	62.0B	30
31	95.0B		54.0B		984		82.4	58.1		143		61.5B	31
TOTAL	2 494.0	1 590.0	1 628.2	4 149.5	48 204	11 842	3 383.7	2 730.3	2 005.6	3 780.2	5 121	2 589.4	TOTAL
MEAN	78.5	55.6	49.3	138	1 550	395	109	88.1	66.9	121	171	83.5	MEAN
MAX	100	84.0	82.0	500	2 020	889	186	126	123	156	210	123	MAX
MIN	85.0	52.5	47.2	85.0	880	171	82.4	58.1	43.9	91.0	128	61.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 245
MAXIMUM DAILY, 2 020 ON MAY 15
MINIMUM DAILY, 43.9 ON SEP 11
MAXIMUM INSTANTANEOUS,
2 040 AT 19:15 EST ON MAY 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 26 20 N
LONG 84 23 15 W
DRAINAGE AREA, 28 200 km²

B - ICE CONDITIONS

REGULATED SINCE 1939

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	213 000	JUL	283 000
FEB	137 000	AUG	238 000
MAR	132 000	SEP	172 000
APR	358 000	OCT	326 000
MAY	4 180 000	NOV	443 000
JUN	1 020 000	DEC	224 000

TOTAL DISCHARGE, 7 710 000 dam³

KETTLE CREEK ABOVE ST. THOMAS - STATION NO. 02GC029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.740B	0.800B	0.127B	1.88	0.309	0.420	0.158	0.084	0.028	0.023	0.045	0.480B	1
2	0.820B	0.850B	0.125B	1.41	0.283	0.898	0.114	0.041	0.083	0.021	0.057	0.360B	2
3	0.540B	0.520B	0.123B	8.22	0.282	0.896	0.093	0.043	0.054	0.022	0.058	0.280B	3
4	0.500B	0.440B	0.180B	7.36	0.263	1.04	0.113	0.038	0.038	0.020	0.061	0.240B	4
5	0.470B	0.370B	0.260B	4.46	0.272	0.784	0.119	0.038	0.030	0.020	0.060	0.220B	5
6	0.480B	0.330B	0.210B	3.80	0.288	0.537	0.084	0.038	0.030	0.020	0.153	0.205B	6
7	0.480B	0.300B	0.185B	2.48	0.288	0.381	0.074	0.031	0.031	0.023	0.351	0.190B	7
8	2.50 B	0.270B	0.180B	1.85	0.291	0.298	0.080	0.038	0.028	0.023	0.580	0.176B	8
9	1.48 B	0.240B	0.180B	1.27	0.268	0.237	0.082	0.033	0.027	0.023	0.540	0.165B	9
10	0.880B	0.225B	0.260B	1.09	0.221	0.208	0.051	0.117	0.028	0.034	0.450	0.158B	10
11	0.500B	0.210B	0.550	1.03	0.208	0.168	0.045	0.186	0.027	0.108	0.308	0.149B	11
12	0.700B	0.200B	0.588	1.05	0.289	0.138	0.043	0.081	0.022	0.078	0.245	0.142B	12
13	0.500B	0.230B	0.420	2.04	0.487	0.182	0.038	0.048	0.019	0.088	0.190	0.132B	13
14	0.380B	0.330B	0.347B	1.74	0.488	0.183	0.033	0.034	0.021	0.048	0.197	0.122B	14
15	0.325B	0.470B	0.746B	5.17	0.383	0.149	0.032	0.031	0.028	0.047	0.887	0.114B	15
16	0.305B	0.320B	0.570B	2.98	0.311	0.158	0.030	0.030	0.038	0.039	4.84	0.108B	16
17	0.300B	0.260B	0.437	2.73	0.259	0.176	0.029	0.025	0.053	0.038	2.42	0.100B	17
18	0.305B	0.210B	0.94	4.85	0.241	0.284	0.029	0.022	0.043	0.047	1.05	0.094B	18
19	0.330B	0.170B	5.10 B	2.29	0.194	0.388	0.028	0.022	0.031	0.084	0.700	0.087B	19
20	0.380B	0.157B	2.30 B	1.53	0.189	1.33	0.065	0.022	0.027	0.078	0.494	0.082B	20
21	0.310B	0.190B	1.22 B	1.10	0.213	0.822	0.088	0.024	0.023	0.252	0.811	0.077B	21
22	0.280B	0.350B	1.10 B	0.855	0.221	3.95	0.072	0.026	0.026	0.294	0.539	0.073B	22
23	0.245B	0.230B	1.30 B	0.885	0.228	4.78	0.048	0.036	0.033	0.189	0.3508	0.071B	23
24	0.400B	0.180B	2.10 B	0.598	0.288	1.78	0.030	0.038	0.048	0.141	0.3208	0.088B	24
25	1.60 B	0.185B	2.84	0.801	0.370	1.01	2.34	0.027	0.048	0.108	0.3308	0.087B	25
26	1.05 B	0.148B	2.92	0.488	1.10	0.685	1.08	0.025	0.041	0.227	0.343	0.088B	26
27	0.870B	0.138B	2.78	0.418	0.828	0.501	0.333	0.022	0.037	0.204	0.370	0.087B	27
28	0.780B	0.133B	4.85	0.358	0.497	0.370	0.292	0.017	0.034	0.185	0.788	0.087B	28
29	0.680B		5.35	0.308	0.357	0.270	0.158	0.031	0.031	0.168	0.878	0.088B	29
30	1.05 B		3.03	0.292	0.388	0.210	0.107	0.033	0.028	0.135	0.840	0.071B	30
31	1.30 B		2.18		0.409		0.078	0.028		0.084		0.080B	31
TOTAL	21.280	8.323	82.277	82.154	10.851	23.248	5.920	1.228	1.040	2.784	18.784	4.389	TOTAL
MEAN	0.687	0.297	1.69	2.07	0.344	0.775	0.191	0.040	0.035	0.090	0.626	0.141	MEAN
MAX	2.50	0.800	5.84	7.36	1.10	4.78	2.34	0.186	0.093	0.294	4.84	0.480	MAX
MIN	0.288	0.133	0.123	0.292	0.189	0.138	0.028	0.017	0.019	0.020	0.045	0.088	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.581
MAXIMUM DAILY, 5.84 ON MAR 18
MINIMUM DAILY, 0.017 ON AUG 26
MAXIMUM INSTANTANEOUS,
18.0 AT 08:43 EST ON MAR 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 50 05 N
LONG 81 06 05 W
DRAINAGE AREA, 135 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 840	JUL	511
FEB	718	AUG	105
MAR	4 820	SEP	89.9
APR	3 370	OCT	241
MAY	920	NOV	1 620
JUN	2 010	DEC	377

TOTAL DISCHARGE, 18 300 dam³

KETTLE CREEK AT ST. THOMAS - STATION NO. 02GC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.07	4.98	0.270B	4.17	0.718	1.82	0.428	0.368	0.288	0.118	0.218	1.20	1
2	1.84	3.80	0.258B	3.39	0.710	8.11	0.329	0.338	0.208	0.124	0.177	1.01	2
3	1.30 B	2.10 B	0.245B	11.7	0.708	5.17	0.280	0.318	0.168	0.118	0.211	0.883	3
4	1.05 B	1.85 B	0.400B	18.6	0.828	5.13	0.312	0.348	0.152	0.107	0.218	0.812	4
5	0.900B	1.30 B	0.900B	12.1	0.768	3.17	0.284	0.328	0.138	0.090	0.211	0.707	5
6	0.834	1.13	0.800B	8.27	0.706	1.83	0.269	0.287	0.124	0.082	0.308	0.615	6
7	0.869	0.854	0.500B	7.15	0.837	1.37	0.262	0.268	0.109	0.080	0.837	0.536	7
8	13.6	0.720B	0.420B	4.88	0.832	1.07	0.202	0.281	0.087	0.084	1.80	0.509	8
9	7.00 B	0.580B	0.380B	3.58	0.871	0.891	0.233	0.247	0.084	0.122	1.73	0.483	9
10	3.28 B	0.471	0.402	2.87	0.600	0.741	0.228	0.230	0.127	0.338	1.52	0.480	10
11	2.00 B	0.470B	0.748	2.88	0.808	0.568	0.216	0.238	0.125	0.189	1.04	0.448	11
12	1.58 B	0.480B	1.25	2.63	0.748	0.512	0.178	0.240	0.124	0.165	0.778	0.405	12
13	1.86 B	0.490B	1.04	4.28	1.31	0.585	0.189	0.211	0.128	0.177	0.582	0.344	13
14	1.48 B	0.891	0.881	4.27	1.28	0.569	0.182	0.202	0.182	0.152	0.577	0.3208	14
15	1.10	1.48	1.29	10.8	1.08	0.524	0.148	0.247	0.144	0.127	2.43	0.2908	15
16	0.917	1.09	1.43	8.78	0.907	0.518	0.147	0.221	0.201	0.125	11.2	0.2788	16
17	0.782	0.560B	1.13	8.14	0.802	0.809	0.148	0.183	0.139	0.181	7.74	0.2608	17
18	0.778	0.460B	18.8	12.7	0.672	1.11	0.143	0.180	0.111	0.182	3.23	0.2508	18
19	1.48	0.420B	13.8	8.80	0.588	2.08	0.138	0.138	0.114	0.193	1.88	0.2378	19
20	1.43	0.398B	8.67	4.38	0.827	5.92	0.311	0.137	0.128	0.584	1.51	0.2258	20
21	1.00 B	0.620B	3.82	3.13	0.823	3.72	0.182	0.167	0.124	1.13	1.38	0.2188	21
22	0.800B	1.25 B	3.20	2.28	0.654	5.58	0.126	0.185	0.136	0.887	1.24	0.2108	22
23	0.836	0.850B	4.02	1.73	0.617	8.28	0.117	0.130	0.124	0.627	1.08	0.2058	23
24	1.01	0.800B	5.18	1.47	0.723	3.98	0.118	0.108	0.118	0.464	0.898	0.2008	24
25	1.38	0.410B	8.12	1.33	0.782	2.28	3.81	0.082	0.118	0.388	0.804	0.198	25
26	8.38	0.380B	7.37	1.28	7.12	1.47	11.2	0.101	0.114	0.380	0.820	0.1908	26
27	8.21	0.355B	8.84	1.18	4.53	1.11	3.23	0.125	0.093	0.381	0.842	0.1858	27
28	2.30	0.340B	10.3	1.08	2.03	0.888	1.30	0.108	0.085	0.373	1.78	0.1808	28
29	2.12		12.5	0.920	1.29	0.835	0.752	0.138	0.079	0.348	2.12	0.1808	29
30	8.33		8.03	0.782	1.40	0.808	0.521	0.145	0.093	0.308	1.85	0.274	30
31	8.17		5.50		1.41		0.423	0.144		0.288		0.470	31
TOTAL	78.308	29.337	124.578	159.192	35.347	71.699	26.098	8.419	3.920	8.820	53.800	13.728	TOTAL
MEAN	2.56	1.05	4.02	5.31	1.17	2.39	0.842	0.207	0.131	0.285	1.79	0.411	MEAN
MAX	13.6	4.98	18.8	18.6	7.12	8.28	11.2	0.368	0.288	1.13	14.2	1.20	MAX
MIN	0.836	0.340	0.245	0.782	0.584	0.808	0.116	0.082	0.079	0.080	0.177	0.180	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.87
MAXIMUM DAILY, 18.8 ON MAR 18
MINIMUM DAILY, 0.079 ON SEP 29
MAXIMUM INSTANTANEOUS,
30.6 AT 18:02 EST ON MAR 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 46 40 N
LONG 81 12 52 W
DRAINAGE AREA, 329 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 650	JUL	2 250
FEB	2 630	AUG	858
MAR	10 800	SEP	338
APR	13 800	OCT	782
MAY	3 140	NOV	4 830
JUN	8 190	DEC	1 100

TOTAL DISCHARGE, 53 800 dam³

KWATABOAHEGAN RIVER NEAR THE MOUTH - STATION NO. 04KA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.10B	2.05 B	0.850B	1.15B	20.0B	100	16.5	12.2	13.3	43.5	31.9	23.5 B	1
2	7.70B	2.00 B	0.840B	1.30B	82.0B	91.4	15.2	12.0A	13.7	41.6	32.4	22.0 B	2
3	7.40B	1.90 B	0.830B	1.40B	90.0B	85.0	14.9	13.9E	13.8	46.6	28.6	21.0 B	3
4	7.10B	1.80 B	0.820B	1.55B	135 B	76.0	14.4	13.8E	13.2	50.5	31.0B	20.0 B	4
5	8.80B	1.70 B	0.820B	1.70B	170 B	72.0	13.9	15.8	12.7	52.9	30.5B	19.0 B	5
6	8.26B	1.60 B	0.810B	1.88B	215 B	89.1	15.0	25.4	12.7 A	56.8	30.0B	18.0 B	6
7	5.85B	1.50 B	0.810B	2.05B	252 B	85.9	21.7	28.9	12.2 E	72.3	31.0B	17.0 B	7
8	5.60B	1.40 B	0.800B	2.13B	240 B	81.1	30.7	29.2	11.0 E	87.3	32.0B	16.5 B	8
9	5.40B	1.35 B	0.800B	2.20B	220 B	57.3	30.9	28.1	9.10E	92.8	33.0B	16.7 B	9
10	5.10B	1.27 B	0.800B	2.33B	205	53.0	30.4	27.2	7.80E	90.5	33.7B	16.0 B	10
11	4.85B	1.20 B	0.800B	2.45B	188	49.8	31.4	26.8	7.20E	88.3	34.0B	14.3 B	11
12	4.65B	1.15 B	0.800B	2.55B	195	44.0	36.5	25.9	8.70E	81.3	32.5B	13.6 B	12
13	4.40B	1.10 B	0.800B	2.65B	195	40.8	38.4	23.9	7.82A	75.4	30.5B	13.3 B	13
14	4.20B	1.05 B	0.590B	2.78B	204	38.1	34.1	22.4	9.47	69.6	29.0B	12.7 B	14
15	4.00B	1.00 B	0.590B	2.90B	201	32.8	28.2	22.7	10.8	64.5	28.0B	12.0 B	15
16	3.85B	0.970B	0.580B	3.08B	181	28.9	24.8	22.3	11.7	60.9	27.0B	11.5 B	16
17	3.65B	0.940B	0.570B	3.20B	162	26.2	21.7	21.5	12.3	56.1	26.0B	10.9 B	17
18	3.50B	0.900B	0.570B	3.40B	172	26.1	18.9	20.7	11.8	52.0	26.0B	10.4 B	18
19	3.30B	0.850B	0.560B	3.50B	183	24.5	17.7	19.8	11.4	48.7	32.0B	10.0 B	19
20	3.10B	0.820B	0.550B	3.80B	151	22.7	16.8	19.8	13.2	45.5	34.5B	9.80B	20
21	3.00B	0.800B	0.550B	4.00B	140	20.9	18.1	18.3	22.2	42.2	35.5B	9.20B	21
22	2.85B	0.770B	0.540B	4.20B	151	18.9	14.8	16.7	33.7	40.1	36.0B	8.60B	22
23	2.75B	0.760B	0.540B	4.50B	150	17.2	13.1	16.3	56.3	37.8	34.5B	8.50B	23
24	2.80B	0.730B	0.540B	4.80B	152	16.0	11.4E	16.1	71.2	35.8	33.0B	8.20B	24
25	2.58B	0.700B	0.530B	5.20B	148	17.1	11.0E	15.9	73.9	34.4	31.5B	7.80B	25
26	2.45B	0.880B	0.580B	5.80B	140	17.1	11.5E	14.9	68.9	33.5	30.0B	7.60B	26
27	2.37B	0.870B	0.650B	5.40B	130	16.4	12.7A	14.0	61.3	32.5	28.0B	7.30B	27
28	2.30B	0.860B	0.780B	7.20B	123	15.5	15.3	13.0	55.9	31.5	27.5B	7.00B	28
29	2.20B		0.800B	8.00B	120	14.8	15.1	12.7	51.4	30.5	26.0B	6.60B	29
30	2.15B		0.860B	10.0 B	117	14.8	14.2	12.8	47.0	30.5	24.5B	6.65B	30
31	2.10B		1.05 B		108		12.9	12.8		30.8		6.35B	31
TOTAL	132.02	32.320	19.570	108.05	4 938.0	1 238.7	524.5	589.5	785.89	1 654.1	923.1	390.40	TOTAL
MEAN	4.26	1.15	0.631	3.60	159	41.2	20.1	19.0	26.5	53.4	30.8	12.8	MEAN
MAX	8.10	2.05	1.05	10.0	252	100	38.5	29.2	73.9	92.8	36.0	23.5	MAX
MIN	2.10	0.860	0.830	1.15	20.0	14.8	11.0	12.0	8.70	30.5	24.5	6.35	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.3
MAXIMUM DAILY, 252B ON MAY 7
MINIMUM DAILY, 0.530B ON MAR 25

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 08 00 N
LONG 80 52 00 W
DRAINAGE AREA, 4 280 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 400	JUL	54 000
FEB	2 780	AUG	50 800
MAR	1 680	SEP	65 100
APR	9 340	OCT	143 000
MAY	427 000	NOV	79 800
JUN	107 000	DEC	33 700

TOTAL DISCHARGE, 987 000 dam³

LA VASE RIVER AT NORTH BAY - STATION NO. 02DD013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.170B	0.220B	0.146B	5.12	1.95	0.320	0.340E	0.032E	0.025	0.024	0.240	0.350B	1
2	0.168B	0.232B	0.140B	4.14	1.30	0.327	0.310E	0.030E	0.023	0.024	0.367	0.320B	2
3	0.160B	0.230B	0.138B	3.72	1.43	0.288	0.290E	0.032	0.016	0.026	0.321	0.300B	3
4	0.148B	0.227B	0.135B	4.77	1.47	0.261	0.310E	0.039	0.014	0.027	0.284	0.285B	4
5	0.135B	0.223B	0.133B	5.32	1.20	0.260	0.381A	0.034	0.012	0.026	0.267	0.270B	5
6	0.128B	0.221B	0.130B	5.61	2.85	0.227	0.268	0.029	0.011	0.048	0.627	0.258B	6
7	0.135B	0.219B	0.126B	4.93	3.93	0.188	0.167	0.024	0.010	0.044	1.88	0.245B	7
8	0.200B	0.216B	0.123B	3.70	2.93	0.161	0.128	0.020	0.010	0.050	1.11	0.235B	8
9	0.220B	0.213B	0.120B	3.87	2.66	0.191	0.085	0.017	0.020	0.064	0.765	0.225B	9
10	0.208B	0.211B	0.120B	2.65	1.99	1.49	0.083	0.017	0.044	0.069	0.554	0.215B	10
11	0.195B	0.208B	0.125B	2.41	1.45	2.08	0.088	0.017	0.044	0.084	0.402	0.205B	11
12	0.180B	0.206B	0.250B	2.38	1.26	1.11	0.084	0.014	0.048	0.113	0.720	0.200B	12
13	0.180B	0.203B	1.19 B	2.18	1.43	0.774	0.072	0.014	0.048	0.237	0.618	0.185B	13
14	0.180B	0.202B	1.85 B	2.14	1.45	0.585	0.065	0.014	0.088	0.237	0.710	0.175B	14
15	0.170B	0.201B	1.40 B	2.58	1.57	0.382	0.081	0.021	0.078	0.176	1.88	0.165B	15
16	0.160B	0.200B	1.13 B	3.32	1.24	0.285	0.148	0.052	0.045	0.184	5.34	0.150B	16
17	0.155B	0.195B	0.880B	4.29	0.982	0.269	0.078E	0.043	0.037	0.686	5.33	0.145B	17
18	0.148B	0.190B	0.610B	3.85	0.894	0.413	0.070	0.058	0.031	0.578	3.30	0.138B	18
19	0.143B	0.187B	0.670B	2.89	0.848	0.725	0.063	0.038	0.028	0.394	2.15	0.130B	19
20	0.140B	0.183B	0.640B	2.83	0.818	0.589	0.044	0.048	0.020	0.371	1.80 B	0.125B	20
21	0.140B	0.178B	0.800B	2.31	0.747	0.359	0.040	0.042	0.018	0.811	1.10 B	0.120B	21
22	0.138B	0.173B	0.688B	1.83	3.06	0.586A	0.032	0.030	0.022	0 708	0.840B	0.110B	22
23	0.138B	0.168B	0.638B	1.67	2.85	1.25 E	0.027	0.029	0.051	0.420	0.800B	0.100B	23
24	0.137B	0.165B	0.620B	1.52	1.60	1.00 E	0.027	0.023	0.162	0.269	0.880B	0.100B	24
25	0.136B	0.160B	0.670B	1.21	1.14	0.800E	0.032	0.019	0.178	0.230	0.820B	0.097B	25
26	0.135B	0.158B	1.27	1.26	0.801	0.640E	0.030	0.018	0.180	0.188	0.840B	0.093B	26
27	0.133B	0.155B	2.37	1.35	0.686	0.540E	0.033E	0.013	0.087	0.172	0.480B	0.087B	27
28	0.130B	0.152B	8.04	1.29	0.501	0.480E	0.041E	0.013	0.041	0.188	0.480B	0.085B	28
29	0.126B		13.1	1.13	0.409	0.420E	0.038E	0.012	0.040	0.180	0.410B	0.082B	29
30	0.130B		11.8	1.21	0.349	0.380E	0.037E	0.011	0.024	0.139	0.375B	0.080B	30
31	0.190B		7.84		0.307		0.035E	0.011		0.131		0.078B	31
TOTAL	4.840	5.497	88.804	88.19	45.782	17.370	3.648	0.681	1.473	8.889	34.838	5.353	TOTAL
MEAN	0.156	0.196	1.79	2.94	1.48	0.579	0.114	0.028	0.049	0.222	1.18	0.173	MEAN
MAX	0.220	0.232	13.1	5.32	3.93	2.08	0.381	0.083	0.162	0.811	5.34	0.350	MAX
MIN	0.126	0.152	0.130	1.13	0.307	0.191	0.037	0.011	0.011	0.024	0.240	0.079	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.735
MAXIMUM DAILY, 13.1 ON MAR 29
MINIMUM DAILY, 0.011 ON AUG 30
MAXIMUM INSTANTANEOUS, 14.6 AT 18:32 EST ON MAR 29

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 18 44 N
LONG 79 23 43 W
DRAINAGE AREA, 70.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	418	JUL	307
FEB	475	AUG	74.4
MAR	4 800	SEP	127
APR	7 820	OCT	893
MAY	3 880	NOV	2 880
JUN	1 800	DEC	482

TOTAL DISCHARGE, 23 300 dam³

LAC LA CROIX AT CAMPBELL'S CAMP - STATION NO. 05PA011

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	381.090	380.973	380.822	380.884	381.335	381.838	381.739	381.182	380.774	380.637	380.588	380.478	1
2	381.090	380.988	380.817	380.887	381.381	381.820	381.741	381.145	380.784	380.639	380.584	380.478	2
3	381.088	380.983	380.809	380.888	381.428	381.789	381.736	381.148	380.788	380.639	380.581	380.475	3
4	381.083	380.958	380.805	380.888	381.475	381.776	381.736	381.167	380.787	380.639	380.559	380.475	4
5	381.081	380.953	380.799	380.889	381.517	381.787	381.733	381.128	380.788	380.643	380.552	380.471	5
6	381.074	380.948	380.793	380.892	381.578	381.752	381.735	381.109	380.781	380.638	380.543	380.468	6
7	381.073	380.941	380.787	380.897	381.638	381.745	381.727	381.087	380.747	380.640	380.547	380.485	7
8	381.073	380.934	380.782	380.702	381.688	381.729	381.715	381.088	380.733	380.641	380.548	380.481	8
9	381.080A	380.933	380.777	380.710	381.734	381.724	381.701	381.053	380.725	380.640	380.541	380.481	9
10	381.083	380.927	380.772	380.714	381.778	381.711	381.686	381.034	380.718	380.640	380.540	380.458	10
11	381.082A	380.920	380.768	380.718	381.818	381.699	381.671	381.018	380.712	380.637	380.518	380.458	11
12	381.085	380.914	380.761	380.723	381.848	381.701	381.647	380.998	380.712	380.631	380.535	380.469	12
13	381.083A	380.909	380.755	380.728	381.878	381.730	381.627	381.000	380.709	380.635	380.539	380.458	13
14	381.081	380.902	380.748	380.735	381.898	381.745	381.608	380.894	380.701	380.632	380.535	380.458	14
15	381.042	380.902	380.742	380.745	381.921	381.783	381.579	380.878	380.698	380.633	380.532	380.485	15
16	381.038A	380.893	380.738	380.755	381.937	381.785	381.562	380.862	380.690	380.627	380.521	380.454	16
17	381.035	380.886	380.730	380.773	381.948	381.782	381.538	380.852	380.687	380.624	380.521	380.452	17
18	381.036	380.879	380.722	380.788	381.958	381.742	381.518	380.835	380.681	380.618	380.519	380.449	18
19	381.035	380.873	380.718	380.810	381.963	381.739	381.501	380.817	380.671	380.618	380.517	380.447	19
20	381.032	380.880	380.711	380.833	381.958	381.734	381.473	380.897	380.670	380.810	380.489	380.421A	20
21	381.027	380.880	380.708	380.882	381.958	381.721	381.452	380.888	380.678	380.807	380.505	380.413	21
22	381.022	380.854	380.699	380.899	381.953	381.733	381.426	380.887	380.673	380.804	380.505	380.414	22
23	381.017	380.847	380.697	380.941	381.952	381.725	381.400	380.877	380.675	380.598	380.506	380.414	23
24	381.012	380.845	380.690	380.987	381.948	381.715	381.371	380.863	380.671	380.597	380.505	380.419	24
25	381.010	380.848	380.688	381.037	381.928	381.713	381.343	380.843	380.658	380.598	380.500	380.427	25
26	381.006	380.841	380.681	381.080	381.907	381.712	381.312	380.828	380.650	380.593	380.494	380.428	26
27	381.000	380.828	380.678	381.141	381.900	381.701	381.282	380.810	380.657	380.588	380.491	380.427	27
28	380.994	380.827	380.682	381.191	381.891	381.705	381.260	380.807	380.643	38[illegible].580	380.484	380.427	28
29	380.991		380.682	381.238	381.887	381.708	381.233	380.800	380.643	380.578	380.480	380.427	29
30	380.985		380.686	381.288	381.873	381.729	381.208	380.784	380.643	380.577	380.478	380.427	30
31	380.978		380.685		381.858		381.183	380.789		380.574		380.428	31
MEAN	381.040	380.889	380.740	380.841	381.797	381.738	381.530	380.985	380.701	380.618	380.524	380.447	MEAN
MAX	381.090	380.973	380.822	381.288	381.963	381.838	381.741	381.182	380.774	380.843	380.588	380.478	MAX
MIN	380.978	380.827	380.678	380.884	381.335	381.699	381.183	380.789	380.643	380.574	380.478	380.413	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 380.988
MAXIMUM DAILY, 381.963 ON MAY 19
MINIMUM DAILY, 380.413 ON DEC 21
MAXIMUM INSTANTANEOUS,
381.990 AT 15:32 CST ON MAY 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 21 20 N
LONG 92 12 50 W

A - MANUAL GAUGE

NATURAL FLOW

DRAINAGE AREA,
13 400 km²

WATER LEVELS ARE REFERRED TO UNITED STATES AND CANADA BOUNDARY SURVEY DATUM

LAC SEUL AT GOLDPINES - STATION NO. 05QB003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	356.344	356.023	355.787	355.505	355.487	356.304	356.803	356.671	356.463	356.177	356.081	355.917	1
2	356.340	356.015	355.782	355.494	355.508	356.319	356.786	356.683	356.450	356.124	356.078	355.885	2
3	356.333	356.008	355.780	355.488	355.537	356.305	356.782	356.685	356.457	356.137	356.136	355.894	3
4	356.328	355.998	355.741	355.475	355.558	356.358	356.784	356.687	356.465	356.187	356.118	355.878	4
5	356.317	355.990	355.733	355.470	355.537	356.388	356.787	356.570	356.438	356.187	356.088	355.885	5
6	356.303	355.981	355.728	355.484	355.804	356.410	356.732	356.637	356.467	356.083	356.088	355.835	6
7	356.280	355.984	355.734	355.463	355.849	356.459	356.787	356.644	356.412	356.186	356.093	355.824	7
8	356.278	356.983	356.718	355.438	355.867	356.480	356.782	356.654	356.390	356.179	356.072	355.822	8
9	356.274	356.947	356.709	355.437	355.898	356.494	356.783	356.654	356.407	356.178	356.038	355.803	9
10	356.269	356.938	355.899	355.443	356.731	356.471	356.730	356.663	356.386	356.178	356.058	355.788	10
11	356.261	356.928	356.884	355.432	355.788	356.488	356.788	356.655	356.404	356.149	356.032	355.775	11
12	356.243	356.930	355.884	355.433	355.785	356.582	356.745	356.638	356.384	356.118	356.037	355.783	12
13	356.247	356.908	355.885	355.433	355.825	356.656	356.711	356.644	356.388	356.188	356.053	355.743	13
14	356.224	356.901	356.884	355.414	355.854	356.542	356.734	356.636	356.388	356.188	356.088	355.730	14
15	356.215	356.886	356.849	356.426	355.884	356.868	356.707	356.598	356.388	356.181	356.014	356.718	15
16	356.204	356.881	356.833	356.384	355.814	356.588	356.724	356.615	356.340	356.182	356.018	355.709	16
17	356.194	356.873	356.838	356.403	355.843	356.588	356.723	356.607	356.378	356.148	356.001	356.692	17
18	356.185	356.868	356.817	356.401	355.868	356.578	356.727	356.606	356.385	356.144	356.012	355.678	18
19	356.186	356.851	356.808	356.402	355.893	356.610	356.708	356.583	356.295	356.158	356.029	355.659	19
20	356.188	356.854	356.892	356.400	355.930	356.888	356.714	356.567	356.289	356.148	356.912	356.641	20
21	356.185	356.833	356.884	356.397	356.020	356.881	356.714	356.578	356.287	356.182	356.007	356.624	21
22	356.137	356.828	356.578	356.400	356.042	356.676	356.718	356.558	356.148	356.150	356.998	356.618	22
23	356.119	356.834	356.868	356.382	356.082	356.898	356.711	356.573	356.234	356.143	356.974	356.621	23
24	356.111	356.820	356.862	356.367	356.123	356.712	356.708	356.577	356.241	356.148	356.893	356.808	24
25	356.104	356.801	356.884	356.388	356.108	356.726	356.710	356.563	356.178	356.148	356.989	356.578	25
26	356.098	356.782	356.843	356.388	356.108	356.747	356.687	356.538	356.242	356.150	356.882	356.578	26
27	356.081	356.781	356.824	356.418	356.187	356.783	356.648	356.483	356.251	356.187A	356.947	356.562	27
28	356.078	356.778	356.817	356.438	356.204	356.808	356.688	356.540	356.174	356.098	356.941	356.548	28
29	356.072		356.813	356.485	356.251	356.808	356.684	356.470	356.188	356.103	356.938	356.531	29
30	356.068		356.801	356.488	356.288	356.795	356.675	356.473	356.235	356.095	356.926	356.525	30
31	356.031		356.801		356.288		356.685	356.491		356.088		356.501	31
MEAN	356.200	356.898	356.838	356.432	356.888	356.670	356.726	356.600	356.335	356.148	356.017	356.708	MEAN
MAX	356.344	356.023	356.787	356.505	356.288	356.808	356.803	356.687	356.497	356.178	356.138	356.917	MAX
MIN	356.031	356.778	356.801	356.367	356.487	356.304	356.648	356.470	356.148	356.083	356.912	356.501	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 356.086
MAXIMUM DAILY, 356.808 ON JUN 28
MINIMUM DAILY, 356.367 ON APR 24
MAXIMUM INSTANTANEOUS,
356.825 AT 06:42 CST ON JUN 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 36 20 N
LONG 93 10 30 W

A - MANUAL GAUGE

REGULATED SINCE 1929

WATER LEVELS ARE REFERRED TO LAC SEUL DATUM
APPLY .301 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1938 ADJ.)

LAC SEUL AT HUDSON - STATION NO. 05080002

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	355.489	355.482	355.645	355.686	355.507	355.213	355.102	355.898	1
2	---	---	---	---	355.514	355.487	355.648	355.676	355.486	355.236	355.088	355.893	2
3	---	---	---	---	355.540	355.502	355.659	355.707	355.467	355.212	355.082	355.872	3
4	---	---	---	---	355.588	355.520	355.664	355.719	355.433	355.186	355.049	355.858	4
5	---	---	---	355.488A	355.604	355.523	355.659	355.730	355.443	355.176	355.071	355.846	5
6	355.350A	---	---	355.464	355.650	355.533	355.685	355.732	355.424	355.224	355.061	355.838	6
7	---	---	---	355.481	355.695	355.551	355.684	355.724	355.422	355.195	355.041	355.824	7
8	---	---	---	355.481	355.740	355.563	355.645	355.724	355.422	355.173	355.048	355.810	8
9	---	---	355.610A	355.483	355.740	355.575	355.635	355.718	355.418	355.187	355.058	355.805	9
10	---	---	---	355.488	355.817	355.592	355.630	355.701	355.428	355.174	355.055	355.791	10
11	---	---	---	355.458	355.857	355.600	355.615	355.688	355.407	355.174	355.085	355.777	11
12	---	---	---	355.448	355.898	355.622	355.788	355.685	355.408A	355.184	355.057	355.758	12
13	---	---	---	355.436	355.935	355.636	355.791	355.667	355.393E	355.184	355.038	355.748	13
14	---	---	---	355.430	355.972	355.650	355.784	355.665	355.378E	355.178	355.035	355.738	14
15	---	---	---	355.418	356.008	355.851	355.777	355.654	355.385E	355.178	355.042	355.723	15
16	---	---	---	355.408	355.034	355.889	355.779	355.641	355.380E	355.182	355.041	355.703	16
17	---	---	---	355.408	356.060	355.678	355.778	355.626	355.338E	355.174	355.032	355.691	17
18	---	---	---	355.402	356.088	355.687	355.781	355.597	355.321E	355.178	355.027	355.678	18
19	---	---	---	355.402	356.122	355.691	355.777	355.598	355.307E	355.188	355.008	355.683	19
20	---	---	---	355.408	355.154	355.888	355.778	355.620	355.292E	355.188	355.055	355.649	20
21	---	---	---	355.408	356.185	356.702	355.788	355.594	355.278E	355.144	355.005	355.635	21
22	---	---	---	355.405	356.209	356.730	355.767	355.570	355.233	355.104	355.042	355.582	22
23	---	---	---	355.408	356.237	356.764	355.758	355.563	355.263	355.118	355.027	355.547	23
24	---	---	---	355.411	356.283	356.787	355.747	355.563	355.228E	355.135	355.059	355.532	24
25	---	---	---	355.428	356.290	356.778	355.736	355.550	355.283A	355.131	355.049	355.588	25
26	---	---	---	355.444	356.331	356.798	355.748	355.585	355.258	355.124	355.045	355.572	26
27	---	---	---	355.464	356.356	356.814	355.759	355.570	355.233	355.104	355.042	355.582	27
28	---	---	---	355.470	356.388	356.822	355.727	355.548	355.263	355.118	355.027	355.547	28
29	---	---	---	355.488	356.410	356.822	355.702	355.544	355.238	355.118	355.006	355.532	29
30	---	---	---	355.488	356.428	356.836	355.691	355.550	355.208	355.117	355.000	355.514	30
31	---	---	---		356.446		355.683	355.521		355.110		355.507	31
MEAN	---	---	---	---	356.002	355.858	355.708	355.637	355.367	355.154	355.018	355.704	MEAN
MAX	---	---	---	---	356.446	356.838	355.885	355.733	355.507	355.238	355.102	355.898	MAX
MIN	---	---	---	---	355.489	355.482	355.683	355.521	355.208	355.104	355.000	355.507	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MAXIMUM DAILY, 356.885 ON JUL 6
MINIMUM DAILY, 355.402 ON APR 18
MAXIMUM INSTANTANEOUS,
356.878 AT 20:01 CST ON JUL 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 05 30 N
LONG 93 10 00 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1929

WATER LEVELS ARE REFERRED TO LAC SEUL DATUM
APPLY .301 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1928 ADJ.)

LAC SEUL AT LAC SEUL - STATION NO. 05080001

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	356.320	355.895	355.742	355.462	356.484	356.280	356.771	356.630	356.489	356.189	356.083	355.874	1
2	356.308	355.863A	355.733A	355.486	356.486	356.309	356.772	356.632	356.481	356.187	356.058	355.872	2
3	356.299	355.974E	355.727A	355.467	356.506	356.328	356.772	356.684	356.440	356.178	356.038	355.845	3
4	356.287	355.886A	355.722	355.458	356.528	356.340	356.781	356.658	356.438	356.178	356.027	355.839	4
5	356.287	355.958	355.710	355.448	356.560	356.362	356.769	356.649	356.438	356.172	356.083	355.835	5
6	356.278A	355.958	355.700	355.443	356.581	356.383	356.771	356.643	356.427	356.168	356.044	355.812	6
7	356.265	355.945	355.684	355.433	356.607	356.391	356.747	356.633	356.428	356.160	356.035	355.781	7
8	356.255	355.928	355.669	355.421	356.636	356.417	356.748	356.638	356.413	356.155	356.040	355.778	8
9	356.233A	355.920	355.676	355.421	356.662	356.437	356.738A	356.641	356.403	356.152	356.047	355.777	9
10	356.226	355.914	355.671	355.412	356.694	356.490	356.733	356.637	356.387	356.161	356.034	355.758	10
11	356.218A	355.908	355.664	355.412	356.726	356.457	356.718	356.636	356.374	356.169	356.082	355.738	11
12	356.212	355.894	355.645	356.402	356.755	356.452	356.708	356.628	356.374	356.154	356.029	355.720A	12
13	356.200	355.891	355.641	356.393	356.787	356.497	356.708	356.614	356.368	356.142	356.023	355.710	13
14	356.201	355.873	355.630	355.395	356.818	356.517	356.695	356.600	356.349	356.134	356.014	355.695	14
15	356.186	355.859A	355.614A	355.382	356.842	356.531	356.695	356.600	356.335	356.127	356.018	355.685	15
16	356.188	355.854A	355.607	355.387	355.873	356.551	356.692	356.583	356.330	356.133	355.998	355.673	16
17	356.180	355.843	355.592	355.371	355.898	356.591	356.695	356.583	356.312	356.134	355.998	355.680	17
18	356.164	355.833	355.584	355.377	356.917	356.578	356.693	356.583	356.308	356.132	355.991	355.643A	18
19	356.145	355.830	355.578	356.380	355.944	356.588	356.694	356.584	356.308	356.125	355.988	355.625E	19
20	356.124	355.823	355.568	355.377	355.977	356.581	356.689	356.588	356.288	356.125	356.018	355.609A	20
21	356.122	355.821	355.558	355.375	355.998	356.610	356.667	356.545	356.275	356.112	355.972	355.599	21
22	356.112	355.803	355.548	355.388	356.024	356.654	356.685	356.543	356.240	356.115	355.963	355.588	22
23	356.103	355.791	355.534	355.383	356.045	356.684	356.683	356.532	356.243	356.113	355.980	355.578	23
24	356.078	355.785	355.538	355.388	356.064	356.670	356.678	356.521	356.231	356.108	355.937	355.573	24
25	356.072	355.788	355.524	355.380	356.101	356.684	356.677	356.514	356.230	356.108	355.940	355.584	25
26	356.068	355.778	355.517	355.382	356.137	356.698	356.678	356.513	356.214	356.108	355.921	355.541	26
27	356.057	355.763	355.510	355.407	356.149	356.725	356.660	356.518	356.213	356.097	355.918	355.538	27
28	356.054	355.757	355.498	355.421	356.184	356.725	356.644	356.488	356.227	356.098	355.903	355.521A	28
29	356.038		355.481	355.432	356.203	356.742	356.637	356.477	356.204	356.088	355.895	355.502A	29
30	356.028		355.468	355.449	356.228	356.785	356.627	356.486	356.193	356.081	355.888	355.487	30
31	356.017		355.476		356.257		356.630	356.473		356.072		355.482	31
MEAN	356.170	355.873	355.608	355.408	356.468	356.632	356.704	356.578	356.332	356.135	355.988	355.674	MEAN
MAX	356.320	355.988	355.742	356.485	356.257	356.785	356.772	356.684	356.488	356.189	356.083	355.874	MAX
MIN	356.017	355.787	355.476	355.383	355.484	356.280	356.627	356.473	356.193	356.072	355.888	355.482	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 356.074
MAXIMUM DAILY, 356.772 ON JUL 2
MINIMUM DAILY, 355.383 ON APR 23
MAXIMUM INSTANTANEOUS,
356.785 AT 15:03 CST ON JUL 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 07 N
LONG 93 16 30 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1939

WATER LEVELS ARE REFERRED TO LAC SEUL DATUM
APPLY .301 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1928 ADJ.)

LADY EVELYN RIVER AT LADY EVELYN LAKE - STATION NO. 02JD011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.1	51.8	0	0	0	19.8	23.3	7.80	7.80	8.00	8.10	10.3	1
2	23.2	50.8	0	0	0	21.1	23.3	7.80	8.10	8.30	8.10	10.3	2
3	23.2	54.3	0	0	0	22.4	23.3	7.80	7.80	8.70	7.40	10.3	3
4	20.9	58.0	0	0	0	23.3	23.3	8.70	7.80	8.70	7.10	10.3	4
5	41.3	58.1	0	0	0	30.2	14.3	8.70	8.10	8.10	7.10	10.3	5
6	57.5	57.4	0	0	0	35.9	0	8.10	7.80	8.10	8.10	31.3	6
7	54.8	55.3	0	0	0	35.9	11.8	7.80	11.5	8.70	8.10	50.3	7
8	53.5	55.2	0	0	0	36.5	22.8	7.20	14.8	8.10	7.70	49.2	8
9	52.3	54.1	0	0	0	36.9	22.8	7.20	14.8	7.80	7.80	47.4	9
10	49.9	53.5	0	0	0	40.9	22.0	7.20	14.8	7.80	8.70	45.7	10
11	48.7	53.5	0	0	0	41.4	22.0	7.20	14.8	7.40	8.10	44.4	11
12	64.8	52.9	0	0	0	41.4	21.2	7.20	14.3	8.40	8.70	43.5	12
13	57.4	50.5	0	0	0	41.4	20.7	7.20	14.8	8.70	8.70	42.1	13
14	55.7	58.5	0	0	0	41.4	20.3	7.20	13.5	7.40	8.40	41.3	14
15	53.1	55.9	0	0	0	41.9	19.9	7.20	13.2	7.40	8.10	40.2	15
16	51.3	55.3	0	0	0	41.9	19.5	8.40	12.4	7.10	8.40	39.3	16
17	50.4	53.9	0	0	0	41.9	19.1	8.10	12.4	7.80	8.40	38.4	17
18	56.2	52.2	0	0	0	41.9	13.6	8.10	12.4	8.80	8.30	38.2	18
19	57.7	50.7	0	0	0	41.9	8.10	8.10	12.1	7.80	8.30	38.0	19
20	57.4	50.0	0	0	0	41.9	7.80	8.10	12.1	8.10	10.0	37.8	20
21	57.0	27.1	0	0	0	40.9	7.20	8.10	12.1	8.10	10.0	37.7	21
22	56.9	10.0	0	0	0	40.9	7.20	7.80	12.1	8.10	10.0	37.5	22
23	60.3	0	0	0	0	40.9	7.20	7.80	11.7	8.10	10.0	37.4	23
24	58.5	0	0	0	0	39.9	7.20	7.80	11.4	7.10	10.0	37.3	24
25	56.9	0	0	0	0.800	39.9	7.20	7.80	11.0	7.40	10.3	37.0	25
26	55.2	0	0	0	1.80	38.9	7.20	7.80	11.4	8.10	10.3	38.8	26
27	54.8	0	0	0	4.00	38.5	8.10	7.80	10.0	7.40	10.3	38.6	27
28	54.1	0	0	0	4.20	31.8	7.80	8.10	11.0	7.40	10.3	38.6	28
29	53.4		0	0	10.4	24.2	7.80	8.10	9.30	7.40	10.3	38.4	29
30	52.6		0	0	17.0	23.3	7.80	8.10	9.00	8.10	10.3	38.3	30
31	52.3		0		18.2		7.80	7.80		8.10		38.0	31
TOTAL	1 693.7	1 282.0	0	0	56.600	1 090.9	441.90	241.80	343.30	248.80	287.40	1 084.3	TOTAL
MEAN	54.6	44.7	0	0	1.83	36.4	14.3	7.80	11.4	7.95	8.91	35.0	MEAN
MAX	67.4	58.0	0	0	18.2	41.9	23.3	8.70	14.8	8.30	10.3	50.3	MAX
MIN	23.2	0	0	0	0	19.8	0	7.20	7.80	6.80	7.10	10.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.4
MAXIMUM DAILY, 58.0 ON FEB 4
MINIMUM DAILY, 0 ON FEB 23

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 47 27 38 N
LONG 79 59 43 W
DRAINAGE AREA, 1 370 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	146 000	JUL	38 200
FEB	108 000	AUG	20 800
MAR	0	SEP	28 700
APR	0	OCT	21 300
MAY	4 910	NOV	23 100
JUN	84 300	DEC	93 700

TOTAL DISCHARGE, 580 000 dam³

LAKE 114 INFLOW NEAR KENORA - STATION NO. 05PD032

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0	0	0	0	0	0	---	---	1
2	---	---	---	0.001	0	0	0	0	0	0	---	---	2
3	---	---	---	0.002	0	0	0	0	0	0	---	---	3
4	---	---	---	0.003	0	0	0	0	0	0	---	---	4
5	---	---	---	0.003	0.001	0	0.002	0	0	0	---	---	5
6	---	---	---	0.003	0.001	0	0.002	0	0	0	---	---	6
7	---	---	---	0.001	0	0.003	0	0	0	0	---	---	7
8	---	---	---	0.001	0	0.001	0	0	0	0	---	---	8
9	---	---	---	0.001	0	0	0	0	0	0	---	---	9
10	---	---	---	0	0	0	0	0	0	0	---	---	10
11	---	---	---	0	0	0	0	0	0	0	---	---	11
12	---	---	---	0	0	0.008	0	0	0	0	---	0A	12
13	---	---	---	0	0	0.006	0	0	0	0	---	---	13
14	---	---	---	0.001	0	0.001	0	0	0	0	---	---	14
15	---	---	---	0.003	0	0	0	0	0	0	---	---	15
16	---	---	---	0.006	0	0	0	0	0	0	---	---	16
17	---	---	---	0.003	0	0	0	0	0	0	---	---	17
18	---	---	---	0.001	0	0	0	0	0	0	---	---	18
19	---	---	---	0.002	0	0	0	0	0	0	---	---	19
20	---	---	---	0.003	0	0	0	0	0	0	---	---	20
21	---	---	---	0.006	0	0	0	0	0	0	---	---	21
22	---	---	---	0.006	0	0	0	0	0	0	---	---	22
23	---	---	---	0.004	0	0	0	0	0	0	---	---	23
24	---	---	---	0.006	0	0	0	0	0	0	---	---	24
25	---	---	---	0.004	0	0	0	0	0	0	---	---	25
26	---	---	---	0.002	0	0	0	0	0	0	---	---	26
27	---	---	---	0.001	0	0	0	0	0	0	---	---	27
28	---	---	---	0.001	0	0	0	0	0	0	---	---	28
29	---		---	0	0	0	0	0	0	0	---	---	29
30	---		0A	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		0E	31
TOTAL	---	---	---	0.083	0.002	0.018	0.004	0	0	0	---	---	TOTAL
MEAN	---	---	---	0.002	0	0.001	0	0	0	0	---	---	MEAN
MAX	---	---	---	0.006	0.001	0.008	0.002	0	0	0	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.008 ON APR 22
MINIMUM DAILY, 0 ON APR 1
MAXIMUM INSTANTANEOUS,
0.018 ON APR 22

DATA CONTRIBUTED BY -
DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 30 N
LONG 93 45 05 W
DRAINAGE AREA, 0.09 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.38
FEB	---	AUG	0
MAR	---	SEP	0
APR	5.44	OCT	0
MAY	0.17	NOV	---
JUN	1.38	DEC	---

TOTAL DISCHARGE, 7.34 dam³

LAKE 114 NEAR KENORA - STATION NO. 05PD027

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	26.888E	26.638	26.502	26.558	26.501	26.489	26.433	---	---	1
2	---	---	---	26.880E	26.626	26.504	26.555	26.489	26.495	26.430	---	---	2
3	---	---	---	26.881E	26.618	26.501	26.552	26.523	26.492	26.430	---	---	3
4	---	---	---	26.885E	26.614	26.498	26.547	26.521	26.490E	26.428	---	---	4
5	---	---	---	26.885	26.622	26.492	26.562	26.517	26.488E	26.429	---	---	5
6	---	---	---	26.874	26.618	26.490	26.588	26.510	26.486E	26.427	---	---	6
7	---	---	---	26.881	26.610	26.522	26.567	26.505	26.484E	26.426	---	---	7
8	---	---	---	26.883	26.603	26.530	26.561	26.502	26.482E	26.424	---	---	8
9	---	---	---	26.884	26.594	26.544	26.577	26.500	26.480E	26.427	---	---	9
10	---	---	---	26.884	26.587	26.512	26.571	26.496	26.478E	26.432	---	---	10
11	---	---	---	26.886	26.580	26.523	26.586	26.494	26.478E	26.432	---	---	11
12	---	---	---	26.887	26.572	26.553	26.583	26.490	26.474E	26.431	---	---	12
13	---	---	---	26.890	26.564	26.602	26.580	26.486	26.472E	26.430	---	---	13
14	---	---	---	26.897	26.558	26.606	26.586	26.482	26.470E	26.428	---	---	14
15	---	---	---	26.901	26.552	26.598	26.582	26.479	26.468E	26.431	---	---	15
16	---	---	---	26.918	26.548	26.589	26.547	26.476	26.466E	26.431	---	---	16
17	---	---	---	26.934	26.541	26.582	26.548	26.473	26.464E	26.431	---	---	17
18	---	---	---	26.941	26.539	26.575	26.553	26.478	26.463E	26.431	---	---	18
19	---	---	---	26.948	26.535	26.588	26.549	26.488	26.460	26.428	---	---	19
20	---	---	---	26.953E	26.534	26.562	26.548	26.507	26.457	26.428	---	---	20
21	---	---	---	26.880E	26.527	26.585	26.542	26.506	26.456	26.428	---	---	21
22	---	---	---	26.867E	26.520	26.567	26.537	26.522	26.451	26.427	---	---	22
23	---	---	---	26.874E	26.514	26.563	26.533	26.521	26.446	26.427	---	---	23
24	---	---	---	26.881E	26.509	26.558	26.529	26.518	26.442	26.428	---	---	24
25	---	---	---	26.888E	26.526	26.560	26.523	26.515	26.440	26.429	---	---	25
26	---	---	---	26.890A	26.522	26.559	26.518	26.514	26.440	26.438	---	---	26
27	---	---	---	26.888	26.517	26.554	26.512	26.512	26.438	26.428	---	---	27
28	---	---	---	26.876	26.516	26.548	26.507	26.510	26.436	26.425	---	---	28
29	---		---	26.880	26.512	26.550	26.504	26.508	26.434	26.424	---	---	29
30	---		---	26.847	26.510	26.559	26.504	26.506	26.433	26.422	---	---	30
31	---		---		26.506		26.502	26.503		26.420		---	31
MEAN	---	---	---	26.820	26.559	26.548	26.548	26.502	26.465	26.428	---	---	MEAN
MAX	---	---	---	26.890	26.638	26.606	26.588	26.523	26.488	26.433	---	---	MAX
MIN	---	---	---	26.847	26.506	26.490	26.502	26.473	26.433	26.420	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 26.890A ON APR 26

MAXIMUM INSTANTANEOUS,
26.895 AT 14:51 CST ON APR 26

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 10 N
LONG 93 45 30 W
DATA CONTRIBUTED BY -
DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA,
0.58 km²

LAKE 114 OUTLET NEAR KENORA - STATION NO. 05PD014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0 E	0.025	0	0.002	0	0	0	---	---	1
2	---	---	---	0 E	0.021	0	0.001	0	0	0	---	---	2
3	---	---	---	0 E	0.018	0	0.001	0	0	0	---	---	3
4	---	---	---	0 E	0.017	0	0	0	0	0	---	---	4
5	---	---	---	0 E	0.019	0	0.002	0	0	0	---	---	5
6	---	---	---	0 A	0.018	0	E.003	0	0	0	---	---	6
7	---	---	---	0	0.014	0	0.003	0	0	0	---	---	7
8	---	---	---	0	0.013	0.002	0.003	0	0	0	---	---	8
9	---	---	---	0	0.011	0.001	E.002	0	0	0	---	---	9
10	---	---	---	0	0.010	0.001	0.001	0	0	0	---	---	10
11	---	---	---	0	0.008	0.001	0.001	0	0	0	---	---	11
12	---	---	---	0	0.006	0.005	E.001	0	0	0	---	0A	12
13	---	---	---	0	0	0.015	0	0	0	0	---	---	13
14	---	---	---	0	0	0.015	0	0	0	0	---	---	14
15	---	---	---	0	0	0.013	0	0	0	0	0A	---	15
16	---	---	---	0	0.008	0.010	0	0	0	0	---	---	16
17	---	---	---	0.001	0	0.008	0	0	0	0	---	---	17
18	---	---	---	0.002	0.003	E.008	0	0	0	0	---	---	18
19	---	---	---	0.004	0	0.005	0	0	0	0	---	---	19
20	---	---	---	0.010	0	0.003	0	0	0	0	---	---	20
21	---	---	---	0.038	0	0.004	0	0	0	0	---	---	21
22	---	---	---	0.038	0	0.004	0	0	0	0	---	---	22
23	---	---	---	0.044	0	0.003	0	0	0	0	---	---	23
24	---	---	---	0.044	0.001	0.002	0	0	0	0	---	---	24
25	---	---	---	0.047	0.002	0.003	0	0	0	0	---	---	25
26	---	---	---	0.049	0.001	0.003	0	0	0	0	---	---	26
27	---	---	---	0.048	0	0.002	0	0	0	0	---	---	27
28	---	---	---	0.040	0	0.001	0	0	0	0	---	---	28
29	---		---	0.034	0	0.002	0	0	0	0	---	---	29
30	---		---	0.029	0	0.003	0	0	0	0A	---	---	30
31	---		0A		0		0	0		0E		0E	31
TOTAL	---	---	---	0.434	0.183	0.112	0.020	0	0	0	---	---	TOTAL
MEAN	---	---	---	0.014	0.006	0.004	0.001	0	0	0	---	---	MEAN
MAX	---	---	---	0.049	0.025	0.015	E.003	0	0	0	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.004
MAXIMUM DAILY, 0.049 ON APR 26
MINIMUM DAILY, 0E ON APR 1
MAXIMUM INSTANTANEOUS,
0.051 ON APR 26

DATA CONTRIBUTED BY -
DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 10 N
LONG 93 45 45 W
DRAINAGE AREA, 0.58 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1.73
FEB	---	AUG	0
MAR	---	SEP	0
APR	38.6	OCT	0
MAY	16.7	NOV	---
JUN	9.68	DEC	---

TOTAL DISCHARGE, 64.7 dam³

LAKE 223 NEAR KENORA - STATION NO. 05QD021

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	29.288E	29.322	29.224	29.240	29.178	29.183	29.072	---	---	1
2	---	---	---	29.288E	29.317	29.228	29.236	29.178	29.159	29.070	---	---	2
3	---	---	---	29.288E	29.313	29.227	29.232	29.203	29.156	29.085	---	---	3
4	---	---	---	29.288E	29.312	29.231	29.226	29.201	29.154	29.081	---	---	4
5	---	---	---	29.288A	29.310	29.216	29.243	29.199	29.151	29.083	---	---	5
6	---	---	---	29.288E	29.310	29.215	29.286	29.195	29.150	29.081	---	---	6
7	---	---	---	29.284E	29.303	29.247	29.260	29.188	29.147	29.068	---	---	7
8	---	---	---	29.281E	29.294	29.246	29.254	29.185	29.144	29.065	---	---	8
9	---	---	---	29.278E	29.286	29.243	29.246	29.183	29.140	29.065	---	---	9
10	---	---	---	29.278E	29.278	29.239	29.241	29.181	29.137	29.058	---	---	10
11	---	---	---	29.273E	29.273	29.235	29.234	29.179	29.136	29.058	---	---	11
12	---	---	---	29.270E	29.270	29.262	29.231	29.177	29.135	29.055	---	---	12
13	---	---	---	29.268E	29.268	29.291	29.228	29.178	29.131	29.053	---	---	13
14	---	---	---	29.265E	29.263	29.292	29.221	29.173	29.129	29.053	---	---	14
15	---	---	---	29.262E	29.260	29.286	29.218	29.170	29.128	29.056	---	---	15
16	---	---	---	29.260E	29.267	29.278	29.215	29.167	29.124	29.055	---	---	16
17	---	---	---	29.257E	29.264	29.270	29.218	29.164	29.123	29.052	---	---	17
18	---	---	---	29.254E	29.264	29.266	29.225	29.171	29.123	29.052	---	---	18
19	---	---	---	29.252E	29.263	29.259	29.219	29.190	29.118	29.049	---	---	19
20	---	---	---	29.249	29.256	29.250	29.216	29.182	29.116	29.047	---	---	20
21	---	---	---	29.253	29.249	29.256	29.213	29.186	29.113	29.047	---	---	21
22	---	---	---	29.262	29.248	29.258	29.209	29.194	29.108	29.048	---	---	22
23	---	---	---	29.273	29.242	29.250	29.204	29.191	29.099	29.045	---	---	23
24	---	---	---	29.286	29.238	29.243	29.202	29.188	29.083	29.044	---	---	24
25	---	---	---	29.299	29.254	29.247	29.198	29.181	29.089	29.044	---	---	25
26	---	---	---	29.308	29.250	29.247	29.194	29.180	29.085	29.045	---	---	26
27	---	---	---	29.330	29.244	29.242	29.188	29.177	29.083	29.045	---	---	27
28	---	---	---	29.336	29.242	29.235	29.184	29.173	29.080	29.044	---	---	28
29	---		---	29.333	29.237	29.234	29.182	29.174	29.077	29.043	---	---	29
30	---		---	29.328	29.234	29.243	29.184	29.171	29.074	29.041	---	---	30
31	---		---		29.229		29.182	29.168		29.038			31
MEAN	---	---	---	29.282	29.289	29.248	29.220	29.182	29.122	29.052	---	---	MEAN
MAX	---	---	---	29.336	29.322	29.291	29.268	29.203	29.183	29.072	---	---	MAX
MIN	---	---	---	29.249	29.229	29.215	29.182	29.184	29.074	29.038	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 29.336 ON APR 26

MAXIMUM INSTANTANEOUS, 29.340 AT 01:00 CST ON APR 26

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 55 N
LONG 93 42 40 W
DATA CONTRIBUTED BY -
DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA, 2.80 km²

LAKE 223 OUTLET NEAR KENORA - STATION NO. 05QD017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0 E	0.074	0.015	0.028E	0.004	0.001	0	0A	---	1
2	---	---	---	0 E	0.071	0.017	0.026E	0.004	0.001	0	---	---	2
3	---	---	---	0 E	0.067	0.017	0.022E	0.012	0.001	0	---	---	3
4	---	---	---	0 E	0.059	0.015	0.025A	0.011	0.001	0	---	---	4
5	---	---	---	0 A	0.061	0.012	0.038A	0.011	0	0	---	---	5
6	---	---	---	0.001E	0.074	0.012	0.050	0.008	0	0	---	---	6
7	---	---	---	0.002E	0.068	0.032	0.047	0.007	0	0	---	---	7
8	---	---	---	0.003E	0.061	0.031	0.044	0.006	0	0	---	---	8
9	---	---	---	0.004E	0.054	0.028	0.042	0.005	0	0	---	---	9
10	---	---	---	0.005E	0.048	0.025	0.039	0.004	0	0	---	---	10
11	---	---	---	0.006A	0.044	0.022	0.032	0.004	0	0	---	---	11
12	---	---	---	0.007E	0.040	0.043	0.030	0.003	0	0	---	0A	12
13	---	---	---	0.008E	0.036	0.089	0.027	0.003	0	0	---	---	13
14	---	---	---	0.010E	0.033	0.088	0.023	0.002	0	0	---	---	14
15	---	---	---	0.011E	0.029	0.085	0.020	0.002	0	0	---	---	15
16	---	---	---	0.012E	0.026	0.081	0.019	0.002	0	0	---	---	16
17	---	---	---	0.014E	0.023	0.054	0.021	0.001	0	0	---	---	17
18	---	---	---	0.015E	0.026	0.051	0.024	0.002	0	0	---	---	18
19	---	---	---	0.016A	0.024	0.048	0.021	0.006	0	0	---	---	19
20	---	---	---	0.017A	0.029	0.041	0.019	0.008	0	0	---	---	20
21	---	---	---	0.017	0.024	0.043	0.017	0.008	0	0	---	---	21
22	---	---	---	0.021	0.019	0.044	0.015	0.007	0	0	---	---	22
23	---	---	---	0.028	0.018	0.038	0.013	0.006	0	0	---	---	23
24	---	---	---	0.039	0.020	0.033	0.011	0.005	0	0	---	---	24
25	---	---	---	0.058	0.034	0.035	0.010	0.004	0	0	---	---	25
26	---	---	---	0.076	0.029	0.035A	0.008	0.003	0	0	---	---	26
27	---	---	---	0.085	0.025	0.030E	0.008	0.003	0	0	---	---	27
28	---	---	---	0.085	0.024	0.025E	0.006	0.002	0	0	---	---	28
29	---		---	0.083	0.021	0.024E	0.004	0.002	0	0	---	---	29
30	---		---	0.078	0.018	0.031E	0.005	0.002	0	0	---	---	30
31	---		---		0.016		0.004	0.001		0		0E	31
TOTAL	---	---	---	0.702	1.224	1.082	0.884	0.144	0.004	0	---	---	TOTAL
MEAN	---	---	---	0.023	0.039	0.035	0.022	0.005	0	0	---	---	MEAN
MAX	---	---	---	0.085	0.061	0.088	0.050	0.012	0.001	0	---	---	MAX
MIN	---	---	---	0	0.016	0.012	0.004	0.001	0	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.018
MAXIMUM DAILY, 0.085 ON APR 27
MINIMUM DAILY, 0E ON APR 1
MAXIMUM INSTANTANEOUS, 0.087 ON APR 28

DATA CONTRIBUTED BY -
DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 55 N
LONG 93 42 50 W
DRAINAGE AREA, 2.80 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	60.0
FEB	---	AUG	13.4
MAR	---	SEP	0.35
APR	50.7	OCT	0
MAY	108	NOV	---
JUN	91.8	DEC	---

TOTAL DISCHARGE, 331 dam³

LAKE 234 OUTLET NEAR KENORA - STATION NO. 05OD019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0 E	0.002	0.008	0.013	0.005	0.001	0	---	---	1
2	---	---	---	0 E	0.002	0.008	0.013	0.005	0.001	0	---	---	2
3	---	---	---	0 E	0.002	0.008	0.013	0.007	0.001	0	---	---	3
4	---	---	---	0 E	0.004	0.008	0.012	0.005	0.001	0	---	---	4
5	---	---	---	0 E	0.004	0.008	0.010	0.005	0.001	0	---	---	5
6	---	---	---	0 E	0.004	0.008	0.010	0.004	0.001	0	---	---	6
7	---	---	---	0 E	0.004	0.010	0.010	0.004	0.001	0	---	---	7
8	---	---	---	0 E	0.004	0.008	0.014	0.004	0	0	---	---	8
9	---	---	---	0 E	0.004	0.008	0.014	0.004	0	0	---	---	9
10	---	---	---	0 E	0.004	0.007	0.013	0.004	0	0	---	---	10
11	---	---	---	0 A	0.004	0.007	0.012	0.003	0	0	---	---	11
12	---	---	---	0 E	0.004	0.013	0.012	0.003	0	0	---	0A	12
13	---	---	---	0 E	0.004	0.014	0.012	0.003	0	0	---	---	13
14	---	---	---	0 E	0.004	0.014	0.011	0.002	0	0	---	---	14
15	---	---	---	0 E	0.004	0.014	0.011	0.002	0	0	---	---	15
16	---	---	---	0 E	0.004	0.014	0.011	0.002	0	0	---	---	16
17	---	---	---	0 E	0.004	0.013	0.012	0.002	0	0	---	---	17
18	---	---	---	0 E	0.004	0.014	0.011	0.003	0	0	---	---	18
19	---	---	---	0 A	0.004	0.013	0.010	0.004	0	0	---	---	19
20	---	---	---	0	0.005	0.012	0.010	0.003	0	0	---	---	20
21	---	---	---	0	0.005E	0.013	0.009	0.003	0	0	---	---	21
22	---	---	---	0.002	0.007	0.013	0.008	0.003	0	0	---	---	22
23	---	---	---	0.001	0.007	0.012	0.008	0.003	0	0	---	---	23
24	---	---	---	0.001	0.007	0.011	0.008	0.003	0	0	---	---	24
25	---	---	---	0.002	0.010	0.012	0.007	0.002	0	0	---	---	25
26	---	---	---	0.001	0.008	0.012	0.007	0.002	0	0	---	---	26
27	---	---	---	0.001	0.008	0.012	0.008	0.001	0	0	---	---	27
28	---	---	---	0.001	0.007	0.012	0.008	0.001	0	0	---	---	28
29	---	---	---	0.002	0.007	0.013	0.005	0.002	0	0	---	---	29
30	---	---	---	0.002	0.006	0.014	0.005	0.001	0	0	---	---	30
31	---	---	---		0.006		0.005	0.001		0	---	0E	31
TOTAL	---	---	---	0.013	0.183	0.321	0.328	0.098	0.007	0	---	---	TOTAL
MEAN	---	---	---	0	0.005	0.011	0.011	0.003	0	0	---	---	MEAN
MAX	---	---	---	0.002	0.010	0.014	0.018	0.007	0.001	0	---	---	MAX
MIN	---	---	---	0	0.002	0.008	0.005	0.001	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.004
MAXIMUM DAILY, 0.018 ON JUL 5
MINIMUM DAILY, 0E ON APR 1
MAXIMUM INSTANTANEOUS,
0.025 ON JUL 5

DATA CONTRIBUTED BY -
DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 33 N
LONG 93 42 40 W
DRAINAGE AREA, 0.97 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	25.2
FEB	---	AUG	8.29
MAR	---	SEP	0.80
APR	1.12	OCT	0
MAY	13.2	NOV	---
JUN	27.7	DEC	---

TOTAL DISCHARGE, 79.1 dam³

LAKE 225 OUTLET NEAR KENORA - STATION NO. 05OD018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0A	0 E	0.012	0	0.002	0	0	0	---	---	1
2	---	---	---	0 E	0.011	0	0.002	0	0	0	---	---	2
3	---	---	---	0 E	0.010	0	0.001	0	0	0	---	---	3
4	---	---	---	0 E	0.011	0	0.001	0	0	0	---	---	4
5	---	---	---	0 A	0.014	0	0.004	0	0	0	---	---	5
6	---	---	---	0	0.011	0	0.005	0	0	0	---	---	6
7	---	---	---	0	0.008	0.002	0.004	0	0	0	---	---	7
8	---	---	---	0	0.008	0.002	0.003	0	0	0	---	---	8
9	---	---	---	0	0.008	0.002	0.002	0	0	0	---	---	9
10	---	---	---	0	0.008	0.001	0.001	0	0	0	---	---	10
11	---	---	---	0 A	0.004	0.001	0.001	0	0	0	---	---	11
12	---	---	---	0	0.003	0.008	0	0	0	0	---	0A	12
13	---	---	---	0	0.002	0.018	0	0	0	0	---	---	13
14	---	---	---	0	0.001	0.014	0	0	0	0	---	---	14
15	---	---	---	0	0.001	0.008	0	0	0	0	---	---	15
16	---	---	---	0	0.001	0.008	0	0	0	0	---	---	16
17	---	---	---	0	0.001	0.008	0	0	0	0	---	---	17
18	---	---	---	0	0	0.008	0	0	0	0	---	---	18
19	---	---	---	0	0	0.008	0	0	0	0	---	---	19
20	---	---	---	0	0.001	0.003	0	0	0	0	---	---	20
21	---	---	---	0	0	0.003	0	0	0	0	---	---	21
22	---	---	---	0	0	0.003	0	0	0	0	---	---	22
23	---	---	---	0	0	0.003	0	0	0	0	---	---	23
24	---	---	---	0	0	0.001	0	0	0	0	---	---	24
25	---	---	---	0.001	0	0.001	0	0	0	0	---	---	25
26	---	---	---	0.007	0.001	0.002	0	0	0	0	---	---	26
27	---	---	---	0.014	0	0.002	0	0	0	0	---	---	27
28	---	---	---	0.017	0	0.002	0	0	0	0	---	---	28
29	---	---	---	0.017	0	0.001	0	0	0	0	---	---	29
30	---	---	---	0.016	0	0.001	0	0	0	0	---	---	30
31	---	---	---	0.014	0	0.003	0	0	0	0	---	0E	31
TOTAL	---	---	---	0.088	0.112	0.087	0.026	0	0	0	---	---	TOTAL
MEAN	---	---	---	0.003	0.004	0.003	0.001	0	0	0	---	---	MEAN
MAX	---	---	---	0.017	0.014	0.018	0.005	0	0	0	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.002
MAXIMUM DAILY, 0.017 ON APR 27
MINIMUM DAILY, 0E ON APR 1
MAXIMUM INSTANTANEOUS,
0.019 ON JUN 13

DATA CONTRIBUTED BY -
DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 15 N
LONG 93 42 50 W
DRAINAGE AREA, 0.30 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2.38
FEB	---	AUG	0
MAR	---	SEP	0
APR	7.43	OCT	0
MAY	8.88	NOV	---
JUN	8.38	DEC	---

TOTAL DISCHARGE, 27.7 dam³

LAKE 226 OUTLET NEAR KENORA - STATION NO. 05QD015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 A	0.014E	0.058	0.007	0.018	0.001	0	0	---	---	1
2	---	---	---	0.018E	0.050	0.007	0.014	0.001	0	0	---	---	2
3	---	---	---	0.018E	0.044	0.007	0.013	0.003	0	0	---	---	3
4	---	---	---	0.022E	0.042	0.006	0.012	0.002	0	0	---	---	4
5	---	---	---	0.024A	0.049	0.005	0.018	0.002	0	0	---	---	5
6	---	---	---	0.024	0.045	0.005	0.035	0.002	0	0	---	---	6
7	---	---	---	0.023	0.041	0.015	0.038	0.002	0	0	---	---	7
8	---	---	---	0.020	0.037	0.021	0.032	0.002	0	0	---	---	8
9	---	---	---	0.018	0.033	0.020	0.027	0.001	0	0	---	---	9
10	---	---	---	0.018	0.030	0.018	0.022	0.001	0	0	---	---	10
11	---	---	---	0.014	0.027	0.018	0.019	0.001	0	0	---	---	11
12	---	---	---	0.013	0.023	0.028	0.018	0.001	0	0	---	0A	12
13	---	---	---	0.012	0.020	0.058	0.015	0.001	0	0	---	---	13
14	---	---	---	0.012	0.018	0.082	0.013	0.001	0	0	---	---	14
15	---	---	---	0.012	0.015	0.062	0.011	0.001	0	0	---	---	15
16	---	---	---	0.015	0.011	0.042	0.010	0	0	0	---	---	16
17	---	---	---	0.018	0.008	0.034	0.011	0	0	0	---	---	17
18	---	---	---	0.020	0.005	0.028	0.015	0.001	0	0	---	---	18
19	---	---	---	0.021	0.005	0.024	0.013	0.002	0	0	---	---	19
20	---	---	---	0.022	0.007	0.020	0.011	0.003	0	0	---	---	20
21	---	---	---	0.025	0.008	0.022	0.009	0.002	0	0	---	---	21
22	---	---	---	0.038	0.006	0.024	0.008	0.001	0	0	---	---	22
23	---	---	---	0.068	0.005	0.022	0.007	0	0	0	---	---	23
24	---	---	---	0.089	0.006	0.018	0.006	0	0	0	---	---	24
25	---	---	---	0.105	0.012	0.015	0.005	0	0	0	---	---	25
26	---	---	---	0.121	0.011	0.015	0.004	0	0	0	---	---	26
27	---	---	0 E	0.109	0.011	0.015	0.003	0	0	0	---	---	27
28	---	---	0.003E	0.094	0.010	0.014	0.003	0	0	0	---	---	28
29	---		0.005E	0.080	0.010	0.014	0.002	0	0	0	---	---	29
30	---		0.008E	0.068	0.009	0.015	0.002	0	0	0	---	---	30
31	---		0.011E		0.007		0.002	0		0		0E	31
TOTAL	---	---	---	1.153	0.859	0.853	0.413	0.031	0	0	---	---	TOTAL
MEAN	---	---	---	0.038	0.021	0.022	0.013	0.001	0	0	---	---	MEAN
MAX	---	---	---	0.121	0.058	0.082	0.035	0.003	0	0	---	---	MAX
MIN	---	---	---	0.012	0.005	0.005	0.003	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.014
MAXIMUM DAILY, 0.121 ON APR 26
MINIMUM DAILY, 0 ON AUG 16
MAXIMUM INSTANTANEOUS,
0.134 ON APR 26

DATA CONTRIBUTED BY -
DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 20 N
LONG 93 44 16 W
DRAINAGE AREA, 0.87 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	35.7
FEB	---	AUG	2.68
MAR	---	SEP	0
APR	99.6	OCT	0
MAY	68.8	NOV	---
JUN	68.4	DEC	---

TOTAL DISCHARGE, 251 dam³

LAKE 227 NEAR KENORA - STATION NO. 05QD009

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	29.041E	29.038	28.972	28.908	28.891	28.868	28.812	---	---	1
2	---	---	---	29.041E	29.034	28.977	28.904	28.889	28.867	28.809	---	---	2
3	---	---	---	29.041E	29.031	28.974	28.908	28.910	28.882	28.808	---	---	3
4	---	---	---	29.041A	29.032	28.971	28.952	28.910	28.882	28.804	---	---	4
5	---	---	---	29.038	29.045	28.968	28.965	28.909	28.879	28.808	---	---	5
6	---	---	---	29.038	29.034	28.967	29.002	28.906	28.877	28.808	---	---	6
7	---	---	---	29.034	29.023	29.007	29.001	28.902	28.874	28.805	---	---	7
8	---	---	---	29.032	29.017	29.024	28.990	28.901	28.872	28.803	---	---	8
9	---	---	---	29.024	29.012	29.023	28.980	28.899	28.868	28.807	---	---	9
10	---	---	---	29.014	29.006	29.019	28.971	28.895	28.867	28.812	---	---	10
11	---	---	---	29.008	29.000	29.013	28.962	28.894	28.864	28.811	---	---	11
12	---	---	---	28.998	28.998	29.039	28.956	28.890	28.864	28.811	---	---	12
13	---	---	---	28.988	28.990	29.080	28.953	28.887	28.861	28.810	---	---	13
14	---	---	---	28.988	28.985	29.059	28.947	28.884	28.858	28.810	---	---	14
15	---	---	---	28.981	28.979	29.038	28.941	28.881	28.852	28.812	---	---	15
16	---	---	---	28.979	28.974	29.020	28.937	28.878	28.849	28.813	---	---	16
17	---	---	---	28.980	28.987	29.005	28.936	28.875	28.849	28.811	---	---	17
18	---	---	---	28.979	28.986	28.994	28.938	28.883	28.848	28.810	---	---	18
19	---	---	---	28.978	28.984	28.980	28.934	28.900	28.845	28.807	---	---	19
20	---	---	---	28.975	28.987	28.968	28.929	28.905	28.842	28.805	---	---	20
21	---	---	---	28.975	28.982	28.970	28.925	28.905	28.841	28.804	---	---	21
22	---	---	---	28.983	28.988	28.973	28.918	28.911	28.838	28.803	---	---	22
23	---	---	---	29.013	28.995	28.987	28.915	28.910	28.831	28.802	---	---	23
24	---	---	---	29.038	28.991	28.982	28.911	28.908	28.827	28.802	---	---	24
25	---	---	---	29.064	28.978	28.985	28.907	28.902	28.825	28.801	---	---	25
26	---	---	---	29.078	28.982	28.986	28.902	28.900	28.823	28.801	---	---	26
27	---	---	---	29.078	28.981	28.987	28.897	28.898	28.819	28.803	---	---	27
28	---	---	---	29.068	28.981	28.980	28.891	28.895	28.816	28.801	---	---	28
29	---		---	29.064	28.979	28.981	28.891	28.897	28.815	28.800	---	---	28
30	---		---	29.048	28.977	28.970	28.894	28.895	28.814	28.800	---	---	30
31	---		---		28.978		28.892	28.892		28.798		---	31
MEAN	---	---	---	29.030	28.992	28.992	28.940	28.897	28.852	28.805	---	---	MEAN
MAX	---	---	---	29.078	29.045	29.080	29.002	28.911	28.888	28.813	---	---	MAX
MIN	---	---	---	28.975	28.981	28.980	28.891	28.875	28.814	28.798	---	---	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MAXIMUM DAILY, 29.080 ON JUN 13

MAXIMUM INSTANTANEOUS,
29.084 AT 11:30 CST ON JUN 13

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 13 N
LONG 93 41 27 W
DATA CONTRIBUTED BY -
DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA,
0.34 km²

LAKE 227 OUTLET NEAR KENORA - STATION NO 05QD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0 E	0.017	0.001	0.005	0	0	0	---	---	1
2	---	---	---	0 E	0.016	0.001	0.004	0	0	0	---	---	2
3	---	---	---	0 E	0.015	0.001	0.003	0	0	0	---	---	3
4	---	---	---	0 A	0.016	0.001	0.003	0	0	0	---	---	4
5	---	---	---	0.001	0.020	0.001	0.004	0	0	0	---	---	5
6	---	---	---	0.002	0.017	0.001	0.010	0	0	0	---	---	6
7	---	---	---	0.003	0.013	0.004	0.010	0	0	0	---	---	7
8	---	---	---	0.004	0.011	0.005	0.008	0	0	0	---	---	8
9	---	---	---	0.004	0.009	0.004	0.007	0	0	0	---	---	9
10	---	---	---	0.004	0.008	0.004	0.005	0	0	0	---	---	10
11	---	---	---	0.004	0.005	0.003	0.004	0	0	0	---	---	11
12	---	---	---	0.004	0.004	0.010	0.003	0	0	0	---	0A	12
13	---	---	---	0.005	0.005	0.032	0.003	0	0	0	---	---	13
14	---	---	---	0.005	0.004	0.027	0.002	0	0	0	---	---	14
15	---	---	---	0.005	0.004	0.017	0.002	0	0	0	---	---	15
16	---	---	---	0.004	0.004	0.012	0.002	0	0	0	---	---	16
17	---	---	---	0.004	0.003	0.009	0.001	0	0	0	---	---	17
18	---	---	---	0.003	0.002	0.007	0.002	0	0	0	---	---	18
19	---	---	---	0.003	0.002	0.006	0.001	0	0	0	---	---	19
20	---	---	---	0.003	0.002	0.004	0.001	0	0	0	---	---	20
21	---	---	---	0.003	0.002	0.004	0.001	0	0	0	---	---	21
22	---	---	---	0.005	0.001	0.004	0	0	0	0	---	---	22
23	---	---	---	0.010	0.001	0.004	0	0	0	0	---	---	23
24	---	---	---	0.017	0.001	0.003	0	0	0	0	---	---	24
25	---	---	---	0.027	0.002	0.004	0	0	0	0	---	---	25
26	---	---	---	0.034	0.002	0.005	0	0	0	0	---	---	26
27	---	---	---	0.031	0.002	0.005	0	0	0	0	---	---	27
28	---	---	---	0.027	0.002	0.004	0	0	0	0	---	---	28
29	---		---	0.023	0.002	0.004	0	0	0	0	---	---	29
30	---		---	0.018	0.002	0.005	0	0	0	0	---	---	30
31	---		---		0.001		0	0		0		0E	31
TOTAL	---	---	---	0.284	0.195	0.192	0.081	0	0	0	---	---	TOTAL
MEAN	---	---	---	0.008	0.006	0.006	0.003	0	0	0	---	---	MEAN
MAX	---	---	---	0.034	0.020	0.032	0.010	0	0	0	---	---	MAX
MIN	---	---	---	0	0.001	0.001	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE MONTHS APR TO OCT

MEAN, 0.003
MAXIMUM DAILY, 0.034 ON APR 26
MINIMUM DAILY, 0E ON APR 1
MAXIMUM INSTANTANEOUS,
0.037 ON JUN 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 15 N
LONG 93 41 26 W
DRAINAGE AREA, 0.34 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

DATA CONTRIBUTED BY -
DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	7.00
FEB	---	AUG	0
MAR	---	SEP	0
APR	21.8	OCT	0
MAY	16.8	NOV	---
JUN	16.8	DEC	---

TOTAL DISCHARGE, 82.3 dam³

LAKE 239 NEAR KENORA - STATION NO 05PD021

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	29.386	29.454	29.468E	29.518E	29.785	29.574	29.587	29.482	29.457	29.372	29.338	---	1
2	---	29.454	29.468E	29.518E	29.761	29.574	29.581	29.481	29.453	29.370	29.336	---	2
3	---	29.457	29.468E	29.523A	29.736	29.586	29.583	29.506	29.449	29.364	29.330	---	3
4	---	29.458	29.468E	29.527A	29.729	29.561	29.575	29.505	29.448	29.369	29.330	---	4
5	---	29.459	29.468E	29.528	29.738	29.555	29.569	29.501	29.444	29.362	29.334	---	5
6	---	29.459	29.468E	29.529	29.736	29.551	29.617	29.494	29.442	29.363	29.333	---	6
7	---	29.459	29.475E	29.533	29.735	29.584	29.617	29.489	29.440	29.366	29.333	---	7
8	---	29.458	29.475E	29.537	29.730	29.589	29.611	29.486	29.437	29.363	29.336	---	8
9	---	29.458	29.475E	29.540	29.717	29.586	29.603	29.485	29.434	29.365	29.336	---	9
10	---	29.459	29.477E	29.541	29.708	29.583	29.593	29.483	29.431	29.369	29.339	---	10
11	---	29.458	29.477E	29.544	29.682	29.578	29.583	29.478	29.430	29.367	29.338	---	11
12	---	29.459	29.478E	29.545	29.681	29.605	29.578	29.476	29.430	29.365	29.336	29.348A	12
13	---	29.459E	29.479E	29.547	29.670	29.646	29.571	29.474	29.426	29.364	29.336	---	13
14	---	29.460E	29.479E	29.551	29.660	29.658	29.562	29.467	29.421	29.367	29.337	---	14
15	---	29.460E	29.481E	29.556	29.650	29.657	29.555	29.462	29.419	29.362	29.338	---	15
16	---	29.460E	29.481E	29.566	29.640	29.651	29.548	29.458	29.416	29.357	29.335	---	16
17	29.414	29.460E	29.481E	29.591	29.632	29.642	29.548	29.455	29.415	29.355	29.330	---	17
18	29.438	29.460E	29.481E	29.611	29.628	29.636	29.551	29.460	29.414	29.352	---	---	18
19	29.451	29.460E	29.481E	29.622	29.623	29.627	29.545	29.477	29.411	29.350	---	---	19
20	29.460	29.460E	29.481E	29.633	29.623	29.618	29.538	29.482	29.408	29.349	---	---	20
21	29.463	29.460E	29.481E	29.645	29.614	29.615	29.533	29.478	29.408	29.348	---	---	21
22	29.438	29.460E	29.483E	29.683	29.606	29.617	29.526	29.481	29.402	29.348	---	---	22
23	29.438	29.461E	29.483E	29.740	29.598	29.610	29.523	29.480	29.391	29.348	---	---	23
24	29.438	29.462E	29.483E	29.772	29.591	29.604	29.517	29.486	29.387	29.347	---	---	24
25	29.441	29.467E	29.483E	29.813	29.609	29.606	29.510	29.481	29.383	29.348	---	---	25
26	29.445	29.467E	29.483E	29.833	29.608	29.608	29.504	29.478	29.378	29.348	---	---	26
27	29.448	29.468E	29.502E	29.828	29.603	29.604	29.497	29.474	29.377	29.350	---	---	27
28	29.448	29.468E	29.508E	29.814	29.598	29.595	29.488	29.470	29.378	29.345	---	---	28
29	29.448		29.511E	29.789	29.593	29.592	29.487	29.488	29.372	29.345	---	---	29
30	29.449		29.512E	29.782	29.587	29.602	29.485	29.483	29.372	29.342	---	---	30
31	29.462		29.512E		29.581		29.463	29.480		29.343		29.383E	31
MEAN	---	29.460	29.482	29.628	29.659	29.603	29.552	29.479	29.418	29.354	---	---	MEAN
MAX	---	29.468	29.512	29.833	29.785	29.658	29.617	29.506	29.457	29.372	---	---	MAX
MIN	---	29.454	29.468	29.518	29.581	29.551	29.463	29.455	29.372	29.342	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1989

MAXIMUM DAILY, 29.833 ON APR 26

MAXIMUM INSTANTANEOUS,
29.834 AT 12:52 CST ON APR 26

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 28 N
LONG 93 43 38 W
DATA CONTRIBUTED BY -
DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA,
3.90 km²

LAKE 239 NORTHEAST INLET NEAR KENORA - STATION NO. 05PD031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0 Z	0.002	0	0.001	0	0	0	---	---	1
2	---	---	---	0 E	0.004	0.001	0	0	0	0	---	---	2
3	---	---	---	0.001A	0.004	0	0	0	0	0	---	---	3
4	---	---	---	0.001	0.003	0	0	0	0	0	---	---	4
5	---	---	---	0.001	0.004	0	0.003	0	0	0	---	---	5
6	---	---	---	0.001	0.004	0	0.004	0	0	0	---	---	6
7	---	---	---	0.001	0.003	0.008	0.001	0	0	0	---	---	7
8	---	---	---	0	0.003	0.004	0.001	0	0	0	---	---	8
9	---	---	---	0	0.002	0.002	0	0	0	0	---	---	9
10	---	---	---	0	0.002	0.001	0	0	0	0	---	---	10
11	---	---	---	0.001	0.002	0.001	0	0	0	0	---	---	11
12	---	---	---	0.001	0.001	0.007	0	0	0	0	---	0A	12
13	---	---	---	0.001	0.001	0.010	0	0	0	0	---	---	13
14	---	---	---	0.001	0.001	0.008	0	0	0	0	---	---	14
15	---	---	---	0.001	0.001	0.008	0	0	0	0	0A	---	15
16	---	---	---	0.003	0.001	0.003	0	0	0	0	---	---	16
17	---	---	---	0.003	0.001	0.002	0.001	0	0	0	---	---	17
18	---	---	---	0.002	0.001	0.001	0.001	0	0	0	---	---	18
19	---	---	---	0.003	0.001	0.001	0	0	0	0	---	---	19
20	---	---	---	0.004	0.001	0	0	0.001	0	0	---	---	20
21	---	---	0A	0.004	0	0.001	0	0	0	0	---	---	21
22	---	---	---	0.008	0	0.003	0	0.002	0	0	---	---	22
23	---	---	---	0.011	0	0.001	0	0.001	0	0	---	---	23
24	---	---	---	0.018	0	0.001	0	0	0	0	---	---	24
25	---	---	---	0.027	0.004	0.002	0	0	0	0	---	---	25
26	---	---	---	0.020	0.002	0.002	0	0	0	0	---	---	26
27	---	---	---	0.014	0.001	0.001	0	0	0	0	---	---	27
28	---	---	---	0.010	0.001	0.001	0	0	0	0	---	---	28
29	---		---	0.008	0.001	0.001	0	0	0	0	---	---	29
30	---		---	0.008	0.001	0.003	0	0	0	0	---	---	30
31	---		0E		0.001		0	0		0		0E	31
TOTAL	---	---	---	0.151	0.055	0.085	0.012	0.004	0	0	---	---	TOTAL
MEAN	---	---	---	0.005	0.002	0.002	0	0	0	0	---	---	MEAN
MAX	---	---	---	0.027	0.008	0.010	0.004	0.002	0	0	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.027 ON APR 25
MINIMUM DAILY, 0A ON MAR 21
MAXIMUM INSTANTANEOUS,
0.043 ON APR 24

DATA CONTRIBUTED BY -
DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 04 N
LONG 93 43 08 W
DRAINAGE AREA, 0.12 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1.04
FEB	---	AUG	0.35
MAR	---	SEP	0
APR	13.0	OCT	0
MAY	4.84	NOV	---
JUN	5.82	DEC	---

LAKE 239 OUTLET NEAR KENORA - STATION NO. 05PD023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0.188	0.034	0.040	0.002	0.002	0	0	0	1
2	0	0	0	0	0.172	0.034	0.038	0.002	0.001	0	0	0	2
3	0	0	0	0	0.148	0.031	0.035	0.008	0.001	0	0	0	3
4	0	0	0	0	0.121	0.028	0.033	0.009	0.001	0	0	0	4
5	0	0	0	0	0.098	0.023	0.045	0.007	0.001	0	0	0	5
6	0	0	0	0	0.083	0.022	0.060	0.003	0.001	0	0	0	6
7	0	0	0	0	0.092	0.038	0.059	0.003	0	0	0	0	7
8	0	0	0	0	0.114	0.038	0.055	0.002	0	0	0	0	8
9	0	0	0	0	0.135	0.035	0.050	0.002	0	0	0	0	9
10	0	0	0	0	0.125	0.034	0.045	0.003	0	0	0	0	10
11	0	0	0	0	0.115	0.032	0.038	0.004	0	0	0	0	11
12	0	0	0	0	0.108	0.048	0.037	0.003	0	0	0	0	12
13	0	0	0	0	0.098	0.071	0.034	0.003	0	0	0	0	13
14	0	0	0	0	0.090	0.081	0.030	0.002	0	0	0	0	14
15	0	0	0	0	0.084	0.082	0.027	0.002	0	0	0	0	15
16	0	0	0	0	0.078	0.078	0.024	0.001	0	0	0	0	16
17	0	0	0	0	0.073	0.072	0.024	0.001	0	0	0	0	17
18	0	0	0	0	0.068	0.068	0.035	0.002	0	0	0	0	18
19	0	0	0	0.017	0.084	0.062	0.021	0.004	0	0	0	0	19
20	0	0	0	0.085	0.084	0.055	0.018	0.004	0	0	0	0	20
21	0	0	0	0.081	0.068	0.068	0.018	0.004	0	0	0	0	21
22	0	0	0	0.110	0.064	0.057	0.014	0.004	0	0	0	0	22
23	0	0	0	0.161	0.048	0.054	0.012	0.008	0	0	0	0	23
24	0	0	0	0.197	0.044	0.050	0.008	0.005	0	0	0	0	24
25	0	0	0	0.243	0.053	0.050	0.008	0.004	0	0	0	0	25
26	0	0	0	0.266	0.053	0.049	0.007	0.004	0	0	0	0	26
27	0	0	0	0.260	0.050	0.048	0.005	0.003	0	0	0	0	27
28	0	0	0	0.245	0.047	0.040	0.003	0.003	0	0	0	0	28
29	0		0	0.225	0.043	0.035	0.002	0.003	0	0	0	0	29
30	0		0	0.206	0.040	0.044	0.002	0.002	0	0	0	0	30
31	0		0		0.037		0.002	0.002		0		0	31
TOTAL	0	0	0	2.078	2.857	1.442	0.819	0.109	0.007	0	0	0	TOTAL
MEAN	0	0	0	0.069	0.065	0.048	0.026	0.004	0	0	0	0	MEAN
MAX	0	0	0	0.266	0.188	0.082	0.060	0.009	0.002	0	0	0	MAX
MIN	0	0	0	0	0.037	0.022	0.002	0.001	0	0	0	0	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.019
MAXIMUM DAILY, 0.266 ON APR 26
MINIMUM DAILY, 0 ON JAN 1
MAXIMUM INSTANTANEOUS,
0.266 ON APR 26

DATA CONTRIBUTED BY -
DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 28 N
LONG 93 43 38 W
DRAINAGE AREA, 3.90 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	70.8
FEB	0	AUG	8.42
MAR	0	SEP	0.60
APR	179	OCT	0
MAY	230	NOV	0
JUN	135	DEC	0

TOTAL DISCHARGE, 615 dam³

LAKE 239, LOWER EAST INLET, NEAR KENORA - STATION NO. 05PD034

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0 E	0.034	0.003	0.012	0	0	0	---	---	1
2	---	---	---	0 E	0.028	0.004	0.007	0	0	0	---	---	2
3	---	---	---	0 A	0.026	0.003	0.004	0.001	0	0	---	---	3
4	---	---	---	0 A	0.028	0.002	0.002	0	0	0	---	---	4
5	---	---	---	0.004A	0.048	0.002	0.024	0	0	0	---	---	5
6	---	---	---	0.010A	0.038	0.002	0.088	0	0	0	---	---	6
7	---	---	---	0.020A	0.030	0.043	0.038	0	0	0	---	---	7
8	---	---	---	0.017A	0.024	0.032	0.017	0	0	0	---	---	8
9	---	---	---	0.015A	0.020	0.015	0.010	0	0	0	---	---	9
10	---	---	---	0.011A	0.017	0.008	0.008	0	0	0	---	---	10
11	---	---	---	0.011	0.015	0.005	0.005	0	0	0	---	---	11
12	---	---	---	0.008	0.013	0.054	0.008	0	0	0	---	---	12
13	---	---	---	0.010	0.011	0.138	0.004	0	0	0	---	0A	13
14	---	---	---	0.011	0.010	0.057	0.003	0	0	0	---	---	14
15	---	---	---	0.018	0.009	0.029	0.002	0	0	0	0A	---	15
16	---	---	---	0.072	0.008	0.018	0.001	0	0	0	---	---	16
17	---	---	---	0.111	0.007	0.010	0.004	0	0	0	---	---	17
18	---	---	---	0.080A	0.010	0.008	0.008	0	0	0	---	---	18
19	---	---	---	0.052A	0.008	0.006	0.003	0	0	0	---	---	19
20	---	---	---	0.081A	0.013	0.003	0.001	0	0	0	---	---	20
21	---	---	0A	0.093	0.008	0.007	0	0	0	0	---	---	21
22	---	---	---	0.268	0.005	0.012	0	0.004	0	0	---	---	22
23	---	---	---	0.207E	0.004	0.008	0	0.001	0	0	---	---	23
24	---	---	---	0.248E	0.004	0.004	0	0	0	0	---	---	24
25	---	---	---	0.255	0.031	0.011	0	0	0	0	---	---	25
26	---	---	---	0.144	0.022	0.015	0	0	0	0	---	---	26
27	---	---	---	0.092	0.013	0.010	0	0	0	0	---	---	27
28	---	---	---	0.071	0.010	0.008	0	0	0	0	---	---	28
29	---		---	0.054	0.007	0.008	0	0	0	0	---	---	29
30	---		---	0.040	0.005	0.027	0	0	0	0	---	---	30
31	---		---		0.004		0	0		0		0E	31
TOTAL	---	---	---	1.987	0.507	0.548	0.243	0.005	0	0	---	---	TOTAL
MEAN	---	---	---	0.066	0.016	0.018	0.008	0					
MAX	---	---	---	0.268	0.048	0.138	0.088	0.004	0	0	---	---	MEAN
MIN	---	---	---	0	0.004	0.002	0	0	0	0	---	---	MAX
													MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.015
MAXIMUM DAILY, 0.268 ON APR 22
MINIMUM DAILY, 0E ON APR 1
MAXIMUM INSTANTANEOUS,
0.845 ON APR 22

DATA CONTRIBUTED BY -
DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 37 N
LONG 93 42 43 W
DRAINAGE AREA, 1.70 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	21.0
FEB	---	AUG	0.52
MAR	---	SEP	0
APR	172	OCT	0
MAY	43.8	NOV	---
JUN	47.3	DEC	---

TOTAL DISCHARGE, 285 dam³

LAKE 240 OUTLET NEAR KENORA - STATION NO. 05PD015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0 E	0.327	0.088	0.079	0.011	0.004	0	0A	0	1
2	0	0	0	0 E	0.288	0.087	0.073	0.010	0.003	0	0	0	2
3	0	0	0	0 E	0.287	0.084	0.068	0.018	0.002	0	0	0	3
4	0	0	0	0 A	0.245	0.058	0.062	0.018	0.002	0	0	0	4
5	0	0	0	0 E	0.261	0.052	0.078	0.017	0.001	0	0	0	5
6	0	0	0	0 A	0.220	0.048	0.117	0.014	0.001	0	0	0	6
7	0	0	0	0 E	0.203	0.070	0.115	0.012	0.001	0	0	0	7
8	0	0	0	0 A	0.181	0.075	0.107	0.011	0	0	0	0	8
9	0	0	0	0 A	0.188	0.073	0.087	0.010	0	0	0	0	9
10	0	0	0	0 A	0.180	0.070	0.087	0.009	0	0	0	0	10
11	0	0	0	0 E	0.175	0.068	0.078	0.008	0	0	0	0	11
12	0	0	0	0 E	0.165	0.067	0.078	0.008	0	0	0	0A	12
13	0	0	0	0 A	0.155	0.135	0.071	0.007	0	0	0	0	13
14	0	0	0	0.017E	0.153	0.157	0.083	0.008	0	0	0	0	14
15	0	0	0	0.034E	0.143	0.159	0.087	0.005	0	0	0A	0	15
16	0	0	0	0.052E	0.132	0.155	0.051	0.005	0	0	0	0	16
17	0	0	0	0.068E	0.123	0.145	0.048	0.003	0	0	0	0	17
18	0A	0	0	0.088E	0.121	0.137	0.048	0.004	0	0	0	0	18
19	0	0	0	0.104A	0.112	0.124	0.043	0.008	0	0	0	0	19
20	0	0	0	0.112A	0.112	0.112	0.040	0.009	0	0	0	0	20
21	0	0	0	0.126	0.103	0.109	0.037	0.008	0	0	0	0	21
22	0	0	0	0.161	0.096	0.108	0.034	0.011	0	0	0	0	22
23	0	0	0	0.253	0.088	0.100	0.031	0.011	0	0	0	0	23
24	0	0	0	0.368	0.082	0.092	0.028	0.009	0	0	0	0	24
25	0	0	0	0.478	0.084	0.083	0.025	0.008	0	0	0	0	25
26	0	0	0	0.521	0.088	0.082	0.022	0.008	0	0	0	0	26
27	0	0	0	0.488	0.087	0.087	0.018	0.007	0	0	0	0	27
28	0	0A	0	0.445	0.087	0.078	0.014	0.007	0	0	0	0	28
29	0		0	0.398	0.081	0.075	0.013	0.008	0	0	0	0	29
30	0		0	0.358	0.077	0.082	0.012	0.008	0	0	0	0	30
31	0		0		0.071		0.012	0.005		0		0	31
TOTAL	0	0	0	4.070	4.714	2.833	1.708	0.280	0.014	0	0	0	TOTAL
MEAN	0	0	0	0.136	0.152	0.094	0.055	0.009	0				
MAX	0	0	0	0.521	0.327	0.159	0.117	0.018	0.004	0	0	0	MEAN
MIN	0	0	0	0	0.071	0.048	0.012	0.003	0	0	0	0	MAX
													MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.037
MAXIMUM DAILY, 0.521 ON APR 26
MINIMUM DAILY, 0 ON JAN 1
MAXIMUM INSTANTANEOUS,
0.531 ON APR 26

DATA CONTRIBUTED BY -
DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 52 N
LONG 93 43 34 W
DRAINAGE AREA, 7.26 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	148
FEB	0	AUG	24.2
MAR	0	SEP	1.21
APR	352	OCT	0
MAY	407	NOV	0
JUN	245	DEC	0

TOTAL DISCHARGE, 1 180 dam³

LAKE 302 NEAR KENORA - STATION NO. 05OD022

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	27.710E	27.672	27.622	27.648	27.575	27.589	27.510	---	---	1
2	---	---	---	27.710E	27.667	27.625	27.643	27.574	27.587	27.508	---	---	2
3	---	---	---	27.710E	27.661	27.624	27.638	27.598	27.584	27.504	---	---	3
4	---	---	---	27.710A	27.661	27.620	27.634	27.600	27.582	27.501	---	---	4
5	---	---	---	27.699	27.673	27.618	27.647	27.605	27.578	27.504	---	---	5
6	---	---	---	27.678	27.689	27.614	27.677	27.580	27.577	27.504	---	---	6
7	---	---	---	27.668	27.683	27.648	27.673	27.585	27.576	27.501	---	---	7
8	---	---	---	27.664	27.667	27.656	27.664	27.582	27.570	27.498	---	---	8
9	---	---	---	27.657	27.651	27.651	27.657	27.580	27.567	27.501	---	---	9
10	---	---	---	27.643	27.649	27.648	27.654	27.578	27.565	27.504	---	---	10
11	---	---	---	27.637	27.652	27.642	27.648	27.574	27.564	27.503	---	---	11
12	---	---	---	27.632	27.647	27.672	27.648	27.571	27.565	27.502	---	---	12
13	---	---	---	27.628	27.645	27.703	27.642	27.568	27.562	27.502	---	---	13
14	---	---	---	27.629	27.642	27.686	27.638	27.563	27.558	27.500	---	---	14
15	---	---	---	27.628	27.638	27.683	27.630	27.560	27.557	27.502	---	---	15
16	---	---	---	27.633	27.638	27.671	27.625	27.558	27.555	27.502	---	---	16
17	---	---	---	27.637	27.633	27.658	27.624	27.558	27.554	27.500	---	---	17
18	---	---	---	27.637	27.638	27.653	27.627	27.564	27.551	27.499	---	---	18
19	---	---	---	27.638	27.634	27.648	27.622	27.564	27.549	27.497	---	---	19
20	---	---	---	27.639	27.637	27.637	27.618	27.592	27.548	27.497	---	---	20
21	---	---	---	27.644	27.632	27.641	27.617	27.591	27.548	27.495	---	---	21
22	---	---	---	27.660	27.628	27.645	27.614	27.607	27.542	27.494	---	---	22
23	---	---	---	27.678	27.627	27.642	27.610	27.607	27.532	27.494	---	---	23
24	---	---	---	27.688	27.624	27.637	27.607	27.606	27.528	27.494	---	---	24
25	---	---	---	27.699	27.641	27.641	27.602	27.603	27.528	27.494	---	---	25
26	---	---	---	27.708	27.638	27.643	27.598	27.603	27.522	27.494	---	---	26
27	---	---	---	27.706	27.636	27.641	27.592	27.600	27.518	27.495	---	---	27
28	---	---	---	27.698	27.635	27.636	27.587	27.598	27.518	27.492	---	---	28
29	---		---	27.689	27.633	27.634	27.583	27.598	27.512	27.490	---	---	29
30	---		---	27.681	27.630	27.647	27.581	27.594	27.511	27.488A	---	---	30
31	---		---		27.626		27.578	27.592		27.488E		---	31
MEAN	---	---	---	27.668	27.644	27.648	27.627	27.585	27.553	27.498	---	---	MEAN
MAX	---	---	---	27.710	27.673	27.703	27.677	27.607	27.589	27.510	---	---	MAX
MIN	---	---	---	27.626	27.624	27.614	27.578	27.558	27.511	27.488	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 27.710E ON APR 1

MAXIMUM INSTANTANEOUS,
27.716 AT 16:12 CST ON APR 4

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 24 N
LONG 93 45 40 W
DATA CONTRIBUTED BY -
DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA,
1.02 km^2

LAKE 302 OUTLET NEAR KENORA - STATION NO. 05OD023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0 E	0.041	0.005E	0.014	0	0	0	---	---	1
2	---	---	---	0.001E	0.038	0.004E	0.013	0	0	0	---	---	2
3	---	---	---	0.001E	0.031	0.003E	0.010	0.001	0	0	---	---	3
4	---	---	---	0.001A	0.028	0.003E	0.008	0.001	0	0	---	---	4
5	---	---	---	0.023	0.038	0.002A	0.016	0.001	0	0	---	---	5
6	---	---	---	0.031	0.038	0.003	0.032	0	0	0	---	---	6
7	---	---	---	0.027	0.033	0.015	0.027	0	0	0	---	---	7
8	---	---	---	0.024E	0.029	0.018	0.021	0	0	0	---	---	8
9	---	---	---	0.019E	0.025	0.018	0.017	0	0	0	---	---	9
10	---	---	---	0.017	0.022	0.018	0.011	0	0	0	---	---	10
11	---	---	---	0.015	0.019	0.014	0.008	0	0	0	---	---	11
12	---	---	---	0.013	0.015	0.039	0.007	0	0	0	---	0A	12
13	---	---	---	0.011	0.013	0.060	0.006	0	0	0	---	---	13
14	---	---	---	0.011	0.011	0.058	0.005	0	0	0	---	---	14
15	---	---	---	0.011	0.009	0.045	0.004	0	0	0	---	---	15
16	---	---	---	0.013	0.008	0.035	0.004	0	0	0	---	---	16
17	---	---	---	0.018	0.007	0.028	0.005	0	0	0	---	---	17
18	---	---	---	0.018	0.006	0.022	0.006	0	0	0	---	---	18
19	---	---	---	0.015	0.008	0.018	0.004	0	0	0	---	---	19
20	---	---	---	0.015	0.007A	0.012	0.003	0	0	0	---	---	20
21	---	---	---	0.017	0.008E	0.011	0.003	0	0	0	---	---	21
22	---	---	---	0.028	0.008E	0.013	0.002	0	0	0	---	---	22
23	---	---	---	0.040	0.004A	0.010	0.002	0	0	0	---	---	23
24	---	---	---	0.047	0.003	0.008	0.001	0	0	0	---	---	24
25	---	---	---	0.047	0.010	0.010	0.001	0	0	0	---	---	25
26	---	---	---	0.048	0.009E	0.012	0.001	0	0	0	---	---	26
27	---	---	---	0.055	0.008E	0.011	0.001	0	0	0	---	---	27
28	---	---	---	0.060	0.007E	0.008	0	0	0	0	---	---	28
29	---		---	0.053	0.006	0.008	0	0	0	0A	---	---	29
30	---		---	0.047	0.008	0.013	0	0	0	0E		0E	30
31	---		---		0.006		0	0					31
TOTAL	---	---	---	0.757	0.488	0.514	0.230	0.003	0	0	---	---	TOTAL
MEAN	---	---	---	0.025	0.016	0.017	0.007	0	0	0	---	---	MEAN
MAX	---	---	---	0.060	0.041	0.060	0.032	0.001	0	0	---	---	MAX
MIN	---	---	---	0	0.003	0.002	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.060 ON APR 26
MINIMUM DAILY, 0E ON APR 1
MAXIMUM INSTANTANEOUS,
0.067 ON APR 26

DATA CONTRIBUTED BY -
DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 47 N
LONG 93 45 26 W
DRAINAGE AREA, 1.02 km^2
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	19.8
FEB	---	AUG	0.26
MAR	---	SEP	0
APR	85.4	OCT	0
MAY	42.2	NOV	---
JUN	44.4	DEC	---

LAKE 303 UPLAND WATERSHED NEAR KENORA - STATION NO 05PD034

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0.002	0	0.002	0	0	0	---	---	1
2	---	---	---	0.001	0.002	0	0.001	0	0	0	---	---	2
3	---	---	---	0.003	0.002	0	E	0	0	0	---	---	3
4	---	---	---	0.005	0.002	0	E	0	0	0	---	---	4
5	---	---	---	0.004	0.005	0	E	0	0	0	---	---	5
							0.007	0					
6	---	---	---	0.004	0.003	0	0.010	0	0	0	---	---	6
7	---	---	---	0.003	0.002	0.011	0.002	0	0	0	---	---	7
8	---	---	---	0.002	0.001	0.004	0.001	0	0	0	---	---	8
9	---	---	---	0.001	0.001	0.001	0	0	0	0	---	---	9
10	---	---	---	0.001	0.001	0.001	0	0	0	0	---	---	10
11	---	---	---	0.001	0	0	0	0	0	0	---	---	11
12	---	---	---	0.001	0	0.014	0	0	0	0	---	0A	12
13	---	---	---	0.001	0	0.015	0	0	0	0	---	---	13
14	---	---	---	0.001	0	0.004	0	0	0	0	---	---	14
15	---	---	---	0.003	0	0.001	0	0	0	0	---	---	15
16	---	---	---	0.008	0	0.001	0	0	0	0	---	---	16
17	---	---	---	0.005	0	0	0	0	0	0	---	---	17
18	---	---	---	0.002	0	0	0	0	0	0	---	---	18
19	---	---	---	0.004	0	0	0	0	0	0	---	---	19
20	---	---	---	0.008	0	0	0	0.001	0	0	---	---	20
								0.002					
21	---	---	---	0.008	0	0	0	0.001	0	0	---	---	21
22	---	---	---	0.017	0	0	0	0.007	0	0	---	---	22
23	---	---	---	0.012	0	0	0	0.002	0	0	---	---	23
24	---	---	---	0.011	0	0	0	0.001	0	0	---	---	24
25	---	---	---	0.012	0.001	0.001	0	0	0	0	---	---	25
26	---	---	---	0.008	0.002	0.002	0	0	0	0	---	---	26
27	---	---	---	0.005	0.001	0.001	0	0	0	0	---	---	27
28	---	---	0 A	0.004	0	0	0	0	0	0	---	---	28
29	---		0 E	0.003	0	0.001	0	0	0	0	---	---	29
30	---		0.001A	0.002	0	0.005	0	0	0	0	---	---	30
31	---		0.001		0		0	0		0		0E	31
TOTAL	---	---	---	0.139	0.025	0.082	0.023	0.014	0	0	---	---	TOTAL
MEAN	---	---	---	0.005	0.001	0.002	0.001	0					
MAX	---	---	---	0.017	0.005	0.015	0.010	0.007	0	0	---	---	MEAN
MIN	---	---	---	0	0	0	0	0	0	0	---	---	MAX
										0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.017 ON APR 22
MINIMUM DAILY, 0 ON APR 1
MAXIMUM INSTANTANEOUS,
0.025 ON JUN 12

DATA CONTRIBUTED BY -
DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 22 N
LONG 93 46 00 W
DRAINAGE AREA, 0.07 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1.99
FEB	---	AUG	1.21
MAR	---	SEP	0
APR	12.0	OCT	0
MAY	3.18	NOV	---
JUN	5.38	DEC	---

TOTAL DISCHARGE, 22.7 dam³

LAKE 303 NEAR KENORA - STATION NO 05PD030

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	55.791E	55.846	55.812	55.847	55.780	55.755	55.679	---	---	1
2	---	---	---	55.792E	55.844	55.813	55.843	55.768	55.762	55.675	---	---	2
3	---	---	---	55.793E	55.842	55.810	55.837	55.757	55.750	55.675	---	---	3
4	---	---	---	55.794E	55.846	55.803	55.831	55.745	55.747	55.671	---	---	4
5	---	---	---	55.795A	55.853	55.799	55.844	55.764	55.745	55.675	---	---	5
6	---	---	---	55.800	55.846	55.797	55.853	55.778	55.742	55.675	---	---	6
7	---	---	---	55.805	55.854	55.830	55.859	55.772	55.740	55.672	---	---	7
8	---	---	---	55.807	55.857	55.842	55.854	55.770	55.734	55.670	---	---	8
9	---	---	---	55.808	55.858	55.842	55.851	55.766	55.731	55.673	---	---	9
10	---	---	---	55.802	55.856	55.840	55.848	55.766	55.729	55.679	---	---	10
11	---	---	---	55.800	55.851	55.837	55.839	55.763	55.728	55.680	---	---	11
12	---	---	---	55.801	55.848	55.872	55.836	55.760	55.730	55.678	---	---	12
13	---	---	---	55.803	55.845	55.813	55.835	55.758	55.726	55.678	---	---	13
14	---	---	---	55.806	55.844	55.901	55.831	55.761	55.723	55.675	---	---	14
15	---	---	---	55.813	55.840	55.887	55.827	55.747	55.721	55.677	---	---	15
16	---	---	---	55.834	55.838	55.878	55.822	55.743	55.720	55.677	---	---	16
17	---	---	---	55.841	55.832	55.865	55.820	55.739	55.719	55.678	---	---	17
18	---	---	---	55.838	55.832	55.852	55.818	55.746	55.717	55.678	---	---	18
19	---	---	---	55.830	55.831	55.854	55.815	55.754	55.714	55.673	---	---	19
20	---	---	---	55.830	55.833	55.847	55.811	55.755	55.712	55.673	---	---	20
21	---	---	---	55.833	55.827	55.850	55.808	55.755	55.710	55.672	---	---	21
22	---	---	---	55.843	55.822	55.853	55.803	55.751	55.708	55.671	---	---	22
23	---	---	---	55.841	55.816	55.848	55.797	55.779	55.699	55.671	---	---	23
24	---	---	---	55.848	55.813	55.842	55.793	55.777	55.695	55.671	---	---	24
25	---	---	---	55.850	55.831	55.848	55.787	55.772	55.694	55.671	---	---	25
26	---	---	---	55.854	55.833	55.847	55.783	55.755	55.692	55.671	---	---	26
27	---	---	---	55.859	55.828	55.843	55.778	55.755	55.687	55.671	---	---	27
28	---	---	---	55.861	55.828	55.838	55.790	55.754	55.685	55.670	---	---	28
29	---		---	55.854	55.824	55.839	55.788	55.752	55.682	55.668	---	---	29
30	---		---	55.848	55.820	55.849	55.785	55.750	55.681	55.667	---	---	30
31	---		---		55.818		55.781	55.758		55.668A		---	31
MEAN	---	---	---	55.826	55.837	55.848	55.817	55.765	55.719	55.673	---	---	MEAN
MAX	---	---	---	55.850	55.858	55.913	55.863	55.787	55.755	55.680	---	---	MAX
MIN	---	---	---	55.791	55.813	55.797	55.781	55.739	55.681	55.668	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 55.913 ON JUN 13

MAXIMUM INSTANTANEOUS,
55.918 AT 13:15 CST ON JUN 13

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO. 2

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 40 N
LONG 93 44 30 W
DATA CONTRIBUTED BY -
DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA,
0.54 km²

LAKE 303 OUTLET NEAR KENORA - STATION NO. 05PD019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 A	0.003E	0.011	0.002	0.003	0	0	0	---	---	1
2	---	---	---	0.004E	0.008	0.002	0.003	0	0	0	---	---	2
3	---	---	---	0.004E	0.007	0.002	0.002	0	0	0	---	---	3
4	---	---	---	0.005E	0.008	0.001	0.002	0	0	0	---	---	4
5	---	---	---	0.006A	0.014	0.001	0.004	0	0	0	---	---	5
6	---	---	---	0.007	0.011	0.001	0.007	0	0	0	---	---	6
7	---	---	---	0.008	0.008	0.003	0.006	0	0	0	---	---	7
8	---	---	---	0.008	0.007	0.004	0.004	0	0	0	---	---	8
9	---	---	---	0.007	0.006	0.004	0.003	0	0	0	---	---	9
10	---	---	---	0.008	0.006	0.002	0.002	0	0	0	---	---	10
11	---	---	---	0.005	0.008	0.002	0.002	0	0	0	---	---	11
12	---	---	---	0.005	0.006	0.013	0.001	0	0	0	---	0A	12
13	---	---	---	0.004	0.004	0.042	0.001	0	0	0	---	---	13
14	---	---	---	0.005	0.004	0.028	0.001	0	0	0	---	---	14
15	---	---	---	0.008	0.004	0.018	0.001	0	0	0	0A	---	15
16	---	---	---	0.017	0.004	0.012	0.001	0	0	0	---	---	16
17	---	---	---	0.025	0.003	0.008	0.001	0	0	0	---	---	17
18	---	---	---	0.018	0.003	0.007	0.001	0	0	0	---	---	18
19	---	---	---	0.018	0.003	0.008	0.001	0	0	0	---	---	19
20	---	---	---	0.018	0.004	0.004	0	0	0	0	---	---	20
21	---	---	---	0.023	0.003	0.004	0	0	0	0	---	---	21
22	---	---	---	0.048	0.003	0.005	0	0	0	0	---	---	22
23	---	---	---	0.057	0.002	0.004	0	0	0	0	---	---	23
24	---	---	---	0.051	0.002	0.003	0	0	0	0	---	---	24
25	---	---	---	0.058	0.004	0.004	0	0	0	0	---	---	25
26	---	---	0 E	0.048	0.004	0.004	0	0	0	0	---	---	26
27	---	---	0.001E	0.032	0.003	0.003	0	0	0	0	---	---	27
28	---	---	0.001E	0.022	0.003	0.003	0	0	0	0	---	---	28
29	---		0.002E	0.017	0.002	0.003	0	0	0	0	---	---	29
30	---		0.002E	0.013	0.002	0.004	0	0	0	0		---	30
31	---		0.003E		0.002		0	0		0		0E	31
TOTAL	---	---	---	0.543	0.188	0.199	0.045	0	0	0	---	---	TOTAL
MEAN	---	---	---	0.018	0.005	0.007	0.001	0	0	0	---	---	MEAN
MAX	---	---	---	0.057	0.014	0.042	0.007	0	0	0	---	---	MAX
MIN	---	---	---	0.003	0.002	0.001	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.006
MAXIMUM DAILY, 0.057 ON APR 23
MINIMUM DAILY, 0 ON JUL 20
MAXIMUM INSTANTANEOUS,
0.070 ON APR 22

DATA CONTRIBUTED BY -
DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 35 N
LONG 93 44 36 W
DRAINAGE AREA, 0.54 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3.97
FEB	---	AUG	0
MAR	---	SEP	0
APR	46.8	OCT	0
MAY	13.4	NOV	---
JUN	17.2	DEC	---

TOTAL DISCHARGE, 81.5 dam³

LAKE 304 NEAR KENORA - STATION NO. 05PD018

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	83.881E	83.685	83.628	83.582	83.604	83.514	83.434	---	---	1
2	---	---	---	83.852E	83.679	83.628	83.582	83.604	83.511	83.431	---	---	2
3	---	---	---	83.843E	83.677	83.626	83.559	83.633	83.506	83.429	---	---	3
4	---	---	---	83.864E	83.678	83.621	83.564	83.632	83.506	83.427	---	---	4
5	---	---	---	83.855A	83.686	83.618	83.572	83.631	83.504	83.430	---	---	5
6	---	---	---	83.856	83.689	83.618	83.594	83.628	83.501	83.428	---	---	6
7	---	---	---	83.858	83.683	83.650	83.592	83.624	83.499	83.428	---	---	7
8	---	---	---	83.860	83.677	83.664	83.590	83.621	83.498	83.424	---	---	8
9	---	---	---	83.862	83.670	83.649	83.588	83.618	83.491	83.426	---	---	9
10	---	---	---	83.862	83.684	83.643	83.583	83.615	83.487	83.433	---	---	10
11	---	---	---	83.863	83.689	83.638	83.581	83.614	83.488	83.433	---	---	11
12	---	---	---	83.861	83.686	83.687	83.581	83.610	83.491	83.431	---	---	12
13	---	---	---	83.857	83.649	83.603	83.578	83.607	83.488	83.430	---	---	13
14	---	---	---	83.865	83.648	83.684	83.574	83.603	83.484	83.429	---	---	14
15	---	---	---	83.864	83.648	83.679	83.571	83.599	83.482	83.430	---	---	15
16	---	---	---	83.864	83.643	83.688	83.567	83.485	83.478	83.431	---	---	16
17	---	---	---	83.864	83.641	83.684	83.564	83.482	83.476	83.430	---	---	17
18	---	---	---	83.877	83.643	83.647	83.561	83.480	83.475	83.428	---	---	18
19	---	---	---	83.872	83.642	83.638	83.558	83.518	83.472	83.427	---	---	19
20	---	---	---	83.877	83.648	83.630	83.551	83.528	83.470	83.425	---	---	20
21	---	---	---	83.869	83.643	83.634	83.548	83.525	83.488	83.424	---	---	21
22	---	---	---	83.823	83.638	83.637	83.544	83.541	83.483	83.423	---	---	22
23	---	---	---	83.840	83.632	83.627	83.538	83.540	83.485	83.422	---	---	23
24	---	---	---	83.839	83.630	83.636	83.534	83.539	83.481	83.422	---	---	24
25	---	---	---	83.842	83.650	83.642	83.531	83.538	83.469	83.421	---	---	25
26	---	---	---	83.838	83.650	83.647	83.525	83.533	83.447	83.422	---	---	26
27	---	---	---	83.824	83.645	83.648	83.519	83.528	83.445	83.423	---	---	27
28	---	---	---	83.814	83.643	83.642	83.514	83.528	83.440	83.420	---	---	28
29	---		---	83.801	83.639	83.648	83.511	83.528	83.438	83.418	---	---	29
30	---		---	83.883	83.635	83.661	83.510	83.522	83.437	83.417	---	---	30
31	---		---		83.631		83.508	83.519		83.418A		---	31
MEAN	---	---	---	83.883	83.655	83.648	83.558	83.520	83.477	83.425	---	---	MEAN
MAX	---	---	---	83.842	83.695	83.803	83.594	83.541	83.514	83.434	---	---	MAX
MIN	---	---	---	83.841	83.630	83.618	83.508	83.492	83.437	83.418	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 83.842 ON APR 25

MAXIMUM INSTANTANEOUS,
83.848 AT 04:31 CST ON APR 23

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO. 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 27 N
LONG 93 44 53 W
DATA CONTRIBUTED BY -
DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA,
0.26 km²

LAKE 382 OUTFLOW - STATION NO. 05OD025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0 E	0.138	0.031	0.048	0	0	0	---	---	1
2	---	---	---	0 E	0.128	0.031	0.041	0	0	0	---	---	2
3	---	---	---	0 E	0.120	0.028	0.034	0.004	0	0	---	---	3
4	---	---	---	0 A	0.116	0.025	0.030	0.004	0	0	---	---	4
5	---	---	---	0	0.133	0.022	0.041	0.003	0	0	---	---	5
6	---	---	---	0	0.128	0.021	0.052	0.001	0	0	---	---	6
7	---	---	---	0	0.126	0.038	0.048	0	0	0	---	---	7
8	---	---	---	0	0.118	0.038	0.044	0	0	0	---	---	8
9	---	---	---	0.001	0.108	0.038	0.040	0	0	0	---	---	9
10	---	---	---	0.001	0.098	0.037	0.038	0	0	0	---	---	10
11	---	---	---	0.003	0.092	0.036	0.031	0	0	0	---	---	11
12	---	---	---	0.006	0.087	0.093	0.030	0	0	0	---	0A	12
13	---	---	---	0.007	0.078	0.077	0.027	0	0	0	---	---	13
14	---	---	---	0.008	0.074	0.085	0.024	0	0	0	---	---	14
15	---	---	---	0.008	0.071	0.089	0.021	0	0	0	---	---	15
16	---	---	---	0.009	0.068	0.087	0.018	0	0	0	---	---	16
17	---	---	---	0.011	0.067	0.084	0.018	0	0	0	---	---	17
18	---	---	---	0.012	0.069	0.085	0.018	0	0	0	---	---	18
19	---	---	---	0.013	0.068	0.079	0.014	0	0	0	---	---	19
20	---	---	---	0.015	0.072	0.077	0.013	0	0	0	---	---	20
21	---	---	---	0.017	0.070	0.076	0.012	0	0	0	---	---	21
22	---	---	---	0.023	0.067	0.071	0.011	0	0	0	---	---	22
23	---	---	---	0.035	0.063	0.082	0.009	0	0	0	---	---	23
24	---	---	---	0.056	0.057	0.056	0.008	0.001	0	0	---	---	24
25	---	---	---	0.081	0.056	0.056	0.007	0	0	0	---	---	25
26	---	---	---	0.132	0.060	0.055	0.005	0	0	0	---	---	26
27	---	---	---	0.164	0.053	0.051	0.004	0	0	0	---	---	27
28	---	---	---	0.186	0.048	0.043	0.002	0	0	0	---	---	28
29	---		---	0.155	0.044	0.044	0.002	0	0	0	---	---	29
30	---		---	0.147	0.039	0.048	0.002	0	0	0	---	---	30
31	---		---		0.035		0.001	0		0		0E	31
TOTAL	---	---	---	1.882	2.565	1.823	0.885	0.013	0	0	---	---	TOTAL
MEAN	---	---	---	0.035	0.083	0.054	0.022	0	0	0	---	---	MEAN
MAX	---	---	---	0.186	0.138	0.089	0.052	0.004	0	0	---	---	MAX
MIN	---	---	---	0	0.035	0.021	0.001	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.028
MAXIMUM DAILY, 0.186 ON APR 28
MINIMUM DAILY, 0E ON APR 1
MAXIMUM INSTANTANEOUS,
0.188 ON APR 28

DATA CONTRIBUTED BY -
DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 30 N
LONG 83 40 47 W
DRAINAGE AREA, 2.03 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	88.3
FEB	---	AUG	1.12
MAR	---	SEP	0
APR	81.8	OCT	0
MAY	222	NOV	---
JUN	140	DEC	---

TOTAL DISCHARGE, 514 dam³

LAKE 470 OUTLET NEAR KENORA - STATION NO. 05PD017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.001	0.001	0.001	0.001	0.038	0.063	0.007	0	0 E	0	0	0	1
2	0.001	0.001	0	0.002	0.031	0.004	0.008	0	0 E	0	0	0	2
3	0.001	0.001	0	0.001	0.017	0.004	0.004	0.001	0 E	0	0	0	3
4	0.001	0.001	0	0	0.018	0.002	0.002	0	0 E	0	0	0	4
5	0.001	0.001	0	0	0.035	0.002	0.129	0	0 A	0	0	0	5
6	0.001	0.001	0	0	0.041	0.002	0.108	0	0	0	0	0	6
7	0.001	0.001	0	0	0.032	0.032	0.018	0	0	0	0	0	7
8	0.001	0.001	0	0	0.024	0.028	0.002	0	0	0	0	0	8
9	0.001	0	0	0	0.018	0.011	0.001	0	0	0	0	0	9
10	0.001	0.001	0	0	0.023	0.008	0.001	0	0	0	0	0	10
11	0.001	0.001	0	0.002	0.014	0.007	0.031	0	0	0	0	0	11
12	0.001	0.001	0	0.004	0.009	0.070	0.006	0	0	0	0	0	12
13	0.001	0.001	0.001	0.008	0.011	0.150	0.001	0	0.001	0	0	0	13
14	0.001	0.001	0.002	0.010	0.010	0.095	0	0	0.001	0	0	0	14
15	0.001	0.001	0	0.015	0.009	0.058	0	0	0.001	0	0	0	15
16	0.001	0.001	0	0.021	0.007	0.035	0	0	0	0	0	0	16
17	0.001	0.001	0	0.044	0.007	0.020	0	0	0	0	0	0	17
18	0.001	0.001	0	0.073	0.007	0.013	0	0	0	0	0	0	18
19	0.001	0.001	0	0.071	0.007	0.010	0	0	0	0	0	0	19
20	0.001	0.001	0	0.072	0.008	0.005	0	0	0	0	0	0	20
21	0.001	0.001	0	0.080	0.004	0.010	0	0	0	0	0	0	21
22	0.001	0.001	0	0.133	0.004	0.012	0	0	0	0	0	0	22
23	0.001	0.001	0	0.226	0.003	0.008	0	0	0	0	0	0	23
24	0.001	0.001	0	0.218	0.003	0.004	0	0	0	0	0	0	24
25	0.001	0.001	0	0.203	0.018	0.011	0	0	0	0	0	0	25
26	0.001	0.001	0	0.134	0.020	0.009	0	0	0	0	0	0	26
27	0.001	0.001	0	0.101	0.012	0.008	0	0	0	0	0	0	27
28	0.001	0.001	0	0.087	0.008	0.008	0	0	0	0	0	0	28
29	0.001		0	0.080	0.004	0.008	0	0	0	0	0	0	29
30	0.001		0	0.048	0.003	0.011	0	0 E	0	0	0	0	30
31	0.001		0		0.003		0	0 E		0		0	31
TOTAL	0.031	0.027	0.004	1.598	0.440	0.641	0.314	0.001	0.003	0	0	0	TOTAL
MEAN	0.001	0.001	0	0.053	0.014	0.021	0.010	0	0	0	0	0	MEAN
MAX	0.001	0.001	0.002	0.226	0.041	0.150	0.129	0.001	0.001	0	0	0	MAX
MIN	0.001	0	0	0	0.003	0.002	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.008
MAXIMUM DAILY, 0.226 ON APR 23
MINIMUM DAILY, 0 ON FEB 3
MAXIMUM INSTANTANEOUS,
0.646 ON JUL 5

DATA CONTRIBUTED BY -
DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 23 N
LONG 93 43 57 W
DRAINAGE AREA, 1.68 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2.68	JUL	27.1
FEB	2.33	AUG	0.69
MAR	0.35	SEP	0.26
APR	138	OCT	0
MAY	38.0	NOV	0
JUN	68.4	DEC	0

TOTAL DISCHARGE, 284 dam³

LAKE 661 OUTLET NEAR KENORA - STATION NO. 05PD028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 A	0.008E	0.020	0.005	0.008	0	0	0	---	---	1
2	---	---	---	0.007E	0.020	0.004	0.005	0.001	0	0	---	---	2
3	---	---	---	0.008E	0.014	0.004	0.004	0.002	0	0	---	---	3
4	---	---	---	0.008E	0.022	0.003	0.003	0.001	0	0	---	---	4
5	---	---	---	0.010E	0.037	0.003	0.011	0.001	0	0	---	---	5
6	---	---	---	0.012E	0.028	0.003	0.017	0.001	0	0	---	---	6
7	---	---	---	0.013	0.020	0.014	0.012	0.001	0	0	---	---	7
8	---	---	---	0.012	0.018	0.018	0.008	0.001	0	0	---	---	8
9	---	---	---	0.011	0.013	0.010	0.004	0.001	0	0	---	---	9
10	---	---	---	0.011	0.014	0.007	0.003	0.001	0	0	---	---	10
11	---	---	---	0.010	0.012	0.004	0.003	0	0	0	---	---	11
12	---	---	---	0.010	0.012	0.033	0.003	0	0	0	---	0A	12
13	---	---	---	0.010	0.011	0.088	0.002	0.001	0	0	---	---	13
14	---	---	---	0.010	0.008	0.057	0.002	0	0	0	---	---	14
15	---	---	---	0.012	0.008	0.033	0.002	0	0	0	---	---	15
16	---	---	---	0.020	0.008	0.024	0.002	0	0	0	0A	---	16
17	---	---	---	0.024	0.007	0.018	0.002	0	0	0	---	---	17
18	---	---	---	0.027	0.007	0.012	0.001	0.001	0	0	---	---	18
19	---	---	---	0.038	0.008	0.010	0.001	0.001	0	0	---	---	19
20	---	---	---	0.042	0.007	0.007	0.001	0.001	0	0	---	---	20
21	---	---	---	0.081	0.008	0.010	0.001	0.001	0	0	---	---	21
22	---	---	---	0.148E	0.006	0.010	0.001	0.001	0	0	---	---	22
23	---	---	---	0.130E	0.005	0.008	0.001	0.001	0	0	---	---	23
24	---	---	---	0.113E	0.004	0.005	0.001	0.001	0	0	---	---	24
25	---	---	---	0.098E	0.009	0.008	0.001	0	0	0	---	---	25
26	---	---	0 E	0.081E	0.011	0.008	0.001	0	0	0	---	---	26
27	---	---	0.001E	0.088A	0.010	0.006	0.001	0	0	0	---	---	27
28	---	---	0.002E	0.054	0.009	0.005	0.001	0	0	0	---	---	28
29	---		0.003E	0.041	0.007	0.005	0.001	0	0	0	---	---	29
30	---		0.004E	0.032	0.008	0.008	0.001	0	0	0	---	---	30
31	---		0.005E		0.005		0.001	0		0A		0E	31
TOTAL	---	---	---	1.127	0.388	0.432	0.100	0.018	0	0	---	---	TOTAL
MEAN	---	---	---	0.038	0.012	0.014	0.003	0.001	0	0	---	---	MEAN
MAX	---	---	---	0.148	0.037	0.088	0.017	0.002	0	0	---	---	MAX
MIN	---	---	---	0.008	0.004	0.003	0.001	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.010
MAXIMUM DAILY, 0.148E ON APR 22
MINIMUM DAILY, 0 ON AUG 1
MAXIMUM INSTANTANEOUS,
0.238 ON APR 22

DATA CONTRIBUTED BY -
DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 30 N
LONG 93 44 33 W
DRAINAGE AREA, 1.25 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0.84
FEB	---	AUG	1.55
MAR	---	SEP	0
APR	97.4	OCT	0
MAY	31.8	NOV	---
JUN	37.3	DEC	---

TOTAL DISCHARGE, 177 dam³

LAKE COUCHICHING OUTFLOW AT WASHAGO - STATION NO. 02EC017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.1	32.8	19.8	13.1	11.4	44.2	53.4	11.9	21.7	22.8	23.2	50.4	1
2	14.8	32.8	19.8	12.3	11.4	42.8	52.3	12.1	22.0	20.6	22.2	51.6	2
3	14.8	32.0	19.8	12.4	11.4	42.8	53.2	11.3	22.2	17.6	20.7	51.3	3
4	15.8	32.2	19.8	13.1	12.8	42.8	52.8	10.7	22.5	14.3	21.2	54.3	4
5	16.3	32.4	19.8	13.8	13.4	42.8	52.5	10.5	22.7	12.4	21.8	56.3	5
6	20.2	32.6	19.8	13.9	13.0	44.2	50.3	10.4	21.7	13.3	22.3	58.5	6
7	21.8	32.6	19.8	14.3	12.8	42.4	50.2	11.0	21.8	13.0	22.1	58.5	7
8	18.8	32.6	19.8	14.8	13.2	38.8	50.4	11.4	21.7	12.7	21.1	58.3	8
9	14.8	31.8	19.8	14.8	13.8	38.0	50.4	10.8	21.4	12.4	20.0	58.3	9
10	14.8	31.8	19.8	17.0	20.2	24.7	50.3	20.8	21.1	12.1	17.3	58.2	10
11	15.1	31.8	19.8	18.5	23.8	24.8	48.7	22.3	20.8	13.3	13.0	53.1	11
12	13.4	31.8	19.8	14.6	24.8	24.8	48.8	22.3	20.8	14.8	9.08	42.1	12
13	12.1	31.8	13.4	11.3	26.8	23.8	36.4	22.0	20.7	12.4	8.88	38.3	13
14	12.2	24.8	8.70	11.4	28.2	23.5	33.8	21.8	20.8	12.7	8.80	38.2	14
15	12.3	20.2	8.34	11.8	36.7	23.8	33.3	21.7	19.8	13.2	16.8	38.2	15
16	14.0	19.8	3.78	11.8	45.8	23.8	33.8	22.4	19.8	13.8	23.4	38.1	16
17	17.7	19.8	4.67	12.1	55.8	24.1	32.3	20.8	19.2	15.1	24.8	38.0	17
18	25.1	19.8	8.00	11.8	61.1	24.4	13.2	20.5	19.0	17.7	24.7	34.8	18
19	28.7	19.8	8.34	11.8	61.2	25.8	12.8	20.8	19.0	18.0	24.8	35.3	19
20	28.8	19.8	8.88	11.8	60.7	38.8	11.7	21.0	18.8	18.1	28.8	38.3	20
21	28.8	20.1	8.72	11.7	60.2	53.8	11.7	21.3	19.1	18.8	28.0	38.1	21
22	28.8	19.8	8.72	11.8	58.4	61.1	11.8	20.4	19.1	18.4	34.0	34.7	22
23	31.4	19.8	8.74	11.8	58.0	57.8	11.8	21.1	18.8	18.8	35.8	34.7	23
24	33.8	18.8	7.23	12.0	71.2	70.7	11.4	21.7	18.8	18.8	36.4	37.8	24
25	33.2	18.8	7.34	12.0	72.7	72.0	11.4	21.8	18.8	18.4	42.8	39.7	25
26	32.8	18.8	7.48	11.4	72.7	80.7	11.4	21.7	20.7	18.4	48.1	39.8	26
27	32.8	18.8	8.28	11.4	72.4	88.7	11.4	21.7	21.7	18.3	47.8	41.7	27
28	32.8	18.8	8.12	11.1	72.0	81.8	10.8	21.7	23.4	18.4	48.1	43.0	28
29	32.8		10.3	11.2	71.7	74.5	11.8	20.8	22.8	18.4	48.8	42.8	29
30	32.8		11.8	11.3	70.8	74.5	12.4	22.0	22.8	18.8	48.7	42.8	30
31	32.8		11.8		84.4		12.4	20.8		20.8		42.8	31
TOTAL	699.8	720.8	385.24	380.8	1 308.5	1 370.5	945.2	575.8	622.8	495.5	812.44	1 385.3	TOTAL
MEAN	22.6	25.7	12.4	12.7	42.2	45.7	30.5	18.8	20.8	18.0	27.1	43.7	MEAN
MAX	33.8	32.8	19.8	18.5	72.7	88.7	53.4	22.4	23.4	23.8	48.7	58.8	MAX
MIN	12.1	19.8	3.78	11.1	11.4	23.8	10.8	10.4	18.8	12.1	8.80	34.7	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.5
MAXIMUM DAILY, 88.7 ON JUN 27
MINIMUM DAILY, 3.78 ON MAR 16

TYPE OF GAUGE -
LOCATION - LAT N
LONG W
DRAINAGE AREA, 3 700 km²

REGULATED

REMARKS - DATA IS SUMMATION OF FLOWS AT STATIONS 02EC004 AND 02EC016

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	80 500	JUL	81 700
FEB	83 300	AUG	48 900
MAR	33 300	SEP	53 800
APR	32 800	OCT	42 800
MAY	113 000	NOV	70 200
JUN	118 000	DEC	117 000

TOTAL DISCHARGE, 838 000 dam³

LAKE ERIE AT BAR POINT - STATION NO. 02GH003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	173.82	173.84	173.85	173.85	174.10	174.27	174.38	174.33	174.09	174.10	173.83	173.81	1
2	173.86	174.00	173.82	174.04	174.02	174.24	174.38	174.23	174.17	173.98	173.86	173.84	2
3	173.86	173.84	174.23	174.07	174.05	174.30	174.38	174.28	174.24	173.87	173.91	173.81	3
4	173.86	173.83	173.96	174.06	174.12	174.28	174.38	174.30	174.25	173.87	174.01	173.87	4
5	173.98	173.94	173.89	173.99	174.11	174.34	174.38	174.27	174.14	174.00	173.84	173.84	5
6	173.97	173.71	174.19	174.04	174.07	174.34	174.38	174.20	174.15	173.81	173.81	173.79	6
7	173.94	173.73	174.13	174.06	173.82	174.32	174.38	174.21	174.15	173.86	173.87	173.81	7
8	173.94	173.43	173.98	174.13	174.05	174.34	174.38	174.23	174.13	173.98	174.00	173.88	8
9	173.74	173.67	173.91	173.90	174.13	174.33	174.38	174.25	174.14	173.89	173.98	173.90	9
10	173.81	173.70	173.91	173.89	174.12	174.24	174.28	174.22	174.11	173.91	173.78	173.78	10
11	174.01	173.76	173.91	174.08	174.07	174.35	174.34	174.24	174.14	173.98	173.71	173.83	11
12	173.82	173.83	173.89	174.05	174.10	174.43	174.37	174.23	174.13	173.84	173.88	173.82	12
13	173.80	173.83	173.93	174.04	174.16	174.34	174.33	174.22	174.18	173.87	173.84	173.88	13
14	173.80	173.82	173.94	174.10	174.18	174.37	174.32	174.22	174.26	174.00	173.88	173.72	14
15	173.81	173.81	173.70	174.08	174.14	174.38	174.38	174.18	174.20	173.98	173.93	173.81	15
16	173.80	173.86	173.83	174.11	174.13	174.34	174.33	174.18	174.13	173.97	173.34	173.88	16
17	173.80	173.90	174.00	174.08	174.14	174.28	174.30	174.23	174.08	174.02	173.68	173.82	17
18	173.88	173.93	173.87	174.10	174.16	174.34	174.33	174.30	174.18	173.98	173.68	173.77	18
19	173.84	173.90	173.91	174.07	174.17	174.38	174.34	174.21	174.17	174.27	173.80	173.87	19
20	173.70	173.91	173.98	174.09	174.14	174.38	174.49	174.15	174.13	173.88	173.82	173.72	20
21	173.88	173.81	173.86	174.09	174.10	174.41	174.40	174.12	174.15	173.73	173.74	173.72	21
22	173.86	173.86	173.86	174.11	174.14	174.38	174.38	174.17	174.09	173.90	173.80	173.73	22
23	173.86	173.81	174.01	174.12	174.18	174.40	174.34	174.19	173.88	174.00	173.81	173.81	23
24	173.88	173.86	173.97	174.10	174.17	174.38	174.33	174.23	174.13	173.98	173.78	173.73	24
25	174.11	173.86	173.94	174.12	174.19	174.38	174.33	174.24	174.10	173.97	173.78	173.84	25
26	173.86	173.81	174.00	174.11	174.17	174.38	174.30	174.22	174.02	173.88	173.84	173.71	26
27	173.77	173.86	173.94	174.09	174.13	174.36	174.28	174.14	174.11	173.84	173.88	173.77	27
28	173.88	173.88	173.92	174.18	174.23	174.36	174.30	174.19	174.08	173.86	173.86	173.77	28
29	173.88		173.87	174.14	174.23	174.41	174.36	174.13	173.96	173.88	173.72	173.84	29
30	173.86		174.00	174.09	174.20	174.41	174.41	174.10	174.14	173.96	173.64	173.87	30
31	173.88		173.89		174.22		174.34	174.18		173.84		173.74	31
MEAN	173.85	173.86	173.94	174.07	174.13	174.35	174.35	174.21	174.13	173.95	173.80	173.78	MEAN
MAX	174.11	174.00	174.23	174.18	174.23	174.43	174.49	174.32	174.26	174.27	174.01	173.91	MAX
MIN	173.34	173.43	173.65	173.89	173.82	174.24	174.28	174.10	173.88	173.73	173.34	173.81	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 174.04
MAXIMUM DAILY, 174.49 ON JUL 20
MINIMUM DAILY, 173.34 ON JAN 8
MAXIMUM INSTANTANEOUS,
174.77 AT 21:30 EST ON JUL 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 03 00 N
LONG 83 08 40 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 12005 BAR POINT

LAKE ERIE AT ERIEAU - STATION NO. 02GF002

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	173.88	173.83	173.98	174.08	174.28	174.35	174.30	174.18	174.08	173.89	173.86	1
2	173.76	173.83	173.89	174.00	174.07	174.26	174.35	174.28	174.14	174.03	173.82	173.81	2
3	173.85	173.86	173.96	174.02	174.08	174.28	174.35	174.27	174.18	174.00	173.82	173.76	3
4	173.86	173.90	173.91	174.04	174.08	174.29	174.35	174.28	174.18	173.95	173.95	173.86	4
5	173.89	173.90	173.86	174.04	174.10	174.31	174.38	174.28	174.14	173.99	173.94	173.86	5
6	173.91	173.86	173.93	174.04	174.07	174.32	174.35	174.28	174.14	173.94	173.88	173.83	6
7	173.91	173.84	173.96	174.08	174.04	174.32	174.35	174.28	174.14	173.94	173.84	173.82	7
8	173.73	173.78	173.91	174.08	174.08	174.31	174.34	174.23	174.13	173.98	173.96	173.86	8
9	173.81	173.78	173.86	174.03	174.10	174.32	174.34	174.28	174.13	173.97	173.86	173.86	9
10	173.88	173.81	173.89	174.01	174.10	174.30	174.31	174.22	174.11	173.86	173.88	173.83	10
11	173.89	173.83	173.86	174.07	174.08	174.31	174.31	174.22	174.13	173.97	173.83	173.84	11
12	173.88	173.84	173.88	174.07	174.13	174.34	174.32	174.22	174.13	173.98	173.87	173.84	12
13	173.84	173.86	173.89	174.08	174.14	174.33	174.31	174.22	174.13	173.97	173.91	173.86	13
14	173.86	173.88	173.88	174.08	174.16	174.34	174.30	174.21	174.15	173.98	173.90	173.83	14
15	173.84	173.88	173.83	174.07	174.13	174.36	174.30	174.20	174.13	173.97	173.93	173.81	15
16	173.84	173.88	173.85	174.07	174.13	174.36	174.28	174.18	174.14	173.96	173.76	173.79	16
17	173.84	173.87	173.82	174.07	174.14	174.34	174.28	174.18	174.13	173.98	173.83	173.80	17
18	173.87	173.88	173.88	174.07	174.14	174.32	174.28	174.23	174.13	173.97	173.78	173.78	18
19	173.88	173.88	173.90	174.08	174.14	174.34	174.28	174.20	174.13	174.08	173.85	173.81	19
20	173.80	173.88	173.91	174.08	174.14	174.36	174.36	174.17	174.12	173.97	173.78	173.74	20
21	173.86	173.88	173.87	174.07	174.13	174.37	174.34	174.18	174.12	173.91	173.82	173.71	21
22	173.86	173.87	173.82	174.07	174.14	174.37	174.32	174.18	174.10	173.93	173.88	173.76	22
23	173.86	173.87	173.83	174.08	174.18	174.37	174.32	174.17	174.03	173.97	173.86	173.78	23
24	173.87	173.90	173.82	174.08	174.18	174.37	174.31	174.18	174.09	173.97	173.85	173.78	24
25	173.84	173.81	173.82	174.08	174.18	174.36	174.31	174.18	174.09	173.88	173.88	173.73	25
26	173.88	173.88	173.83	174.08	174.18	174.37	174.31	174.18	174.08	173.88	173.88	173.88	26
27	173.85	173.88	173.82	174.08	174.18	174.36	174.30	174.18	174.07	173.88	173.82	173.77	27
28	173.88	173.80	173.83	174.09	174.20	174.34	174.29	174.18	174.08	173.84	173.82	173.78	28
29	173.88		173.88	174.09	174.21	174.36	174.31	174.18	174.04	173.88	173.82	173.80	29
30	173.88		173.88	174.08	174.21	174.36	174.32	174.18	174.08	---	173.78	173.78	30
31	173.80		173.94		174.24		174.30	174.18		---		173.78	31
MEAN	---	173.87	173.90	174.08	174.13	174.33	174.32	174.21	174.12	---	173.87	173.80	MEAN
MAX	---	173.93	173.98	174.09	174.24	174.37	174.36	174.30	174.18	---	173.98	173.86	MAX
MIN	---	173.78	173.83	173.86	174.04	174.26	174.28	174.16	174.03	---	173.78	173.88	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MAXIMUM INSTANTANEOUS,
174.41 AT 01:40 EST ON JUN 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 15 37 N
LONG 81 54 52 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 12250 ERIEAU

LAKE ERIE AT KINGSVILLE - STATION NO. 02GH010

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	173.90	173.91	173.71	173.95	174.08	174.27	174.36	174.31	174.12	174.07	173.85	173.89	1
2	173.87	173.89	173.81	174.02	174.04	174.28	174.37	174.24	174.18	173.98	173.87	173.87	2
3	173.87	173.94	174.13	174.05	174.07	174.30	174.37	174.26	174.21	173.98	173.81	173.88	3
4	173.88	173.93	173.95	174.07	174.11	174.28	174.38	174.22	174.21	173.88	173.98	173.84	4
5	173.90	173.92	173.89	174.01	174.10	174.34	174.38	174.27	174.12	173.89	173.91	173.83	5
6	173.84	173.78	174.13	174.08	174.08	174.26	174.37	174.24	174.15	173.85	173.82	173.78	6
7	173.85	173.73	174.09	174.07	173.88	174.32	174.38	174.23	174.14	173.89	173.95	173.80	7
8	173.48	173.48	173.86	174.11	174.08	174.33	174.38	174.23	174.13	173.96	173.96	173.85	8
9	173.74	173.67	173.89	173.86	174.12	174.34	174.38	174.26	174.13	173.97	173.71	173.87	9
10	173.82	173.88	173.89	173.84	174.11	174.27	174.29	174.22	174.11	173.91	173.81	173.77	10
11	173.87	173.74	173.90	174.08	174.07	174.33	174.34	174.24	174.14	173.87	173.73	173.82	11
12	173.82	173.80	173.86	174.04	174.11	174.38	174.38	174.23	174.13	173.84	173.87	173.81	12
13	173.81	173.88	173.91	174.05	174.17	174.38	174.33	174.22	174.17	173.96	173.91	173.84	13
14	173.87	173.86	173.81	174.09	174.15	174.38	174.32	174.21	174.22	173.98	173.87	173.72	14
15	173.78	173.90	173.74	174.08	174.13	174.38	174.34	174.19	174.17	173.88	173.92	173.78	15
16	173.77	173.87	173.82	174.09	174.12	174.38	174.32	174.19	174.14	173.85	173.49	173.87	16
17	173.78	173.89	173.86	174.08	174.13	174.30	174.30	174.22	174.10	174.02	173.71	173.73	17
18	173.84	173.81	173.89	174.09	174.13	174.34	174.31	174.26	174.17	173.89	173.84	173.71	18
19	173.82	173.88	173.90	174.08	174.15	174.35	174.33	174.20	174.15	174.23	173.78	173.81	19
20	173.75	173.89	173.93	174.09	174.14	174.37	174.46	174.15	174.13	173.89	173.89	173.88	20
21	173.87	173.90	173.87	174.08	174.12	174.40	174.38	174.14	174.14	173.78	173.78	173.85	21
22	173.82	173.87	173.84	174.08	174.14	174.39	174.34	174.17	174.09	173.81	173.80	173.88	22
23	173.88	173.81	173.88	174.11	174.15	174.38	174.34	174.18	173.95	173.98	173.82	173.76	23
24	173.88	173.82	173.85	174.09	174.17	174.38	174.33	174.22	174.12	173.98	173.79	173.88	24
25	174.05	173.81	173.83	174.10	174.15	174.38	174.33	174.26	174.10	173.98	173.77	173.88	25
26	173.88	173.83	173.87	174.10	174.17	174.38	174.30	174.21	174.04	173.87	173.83	173.88	26
27	173.79	173.88	173.93	174.08	174.15	174.37	174.29	174.18	174.10	173.97	173.93	173.72	27
28	173.87	173.88	173.92	174.15	174.22	174.36	174.31	174.19	174.07	173.95	173.73	173.73	28
29	173.88		173.96	174.13	174.22	174.40	174.36	174.14	173.99	173.97	173.74	173.82	29
30	173.87		173.89	174.10	174.21	174.40	174.37	174.12	174.11	173.97	173.87	173.83	30
31	173.85		173.82		174.23		174.32	174.18		173.88		173.70	31
MEAN	173.84	173.85	173.83	174.07	174.13	174.35	174.34	174.21	174.12	173.95	173.81	173.75	MEAN
MAX	174.05	173.99	174.13	174.15	174.23	174.40	174.46	174.31	174.22	174.23	173.96	173.89	MAX
MIN	173.48	173.48	173.71	173.84	173.88	174.25	174.29	174.12	173.99	173.78	173.49	173.56	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 174.03
MAXIMUM DAILY, 174.46 ON JUL 30
MINIMUM DAILY, 173.48 ON JAN 6
MAXIMUM INSTANTANEOUS,
174.67 AT 21:05 EST ON JUL 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 01 38 N
LONG 82 44 05 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 12065 KINGSVILLE

LAKE ERIE AT PORT COLBORNE - STATION NO. 02HA017

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	173.81	173.87	174.01	174.03	174.03	174.24	174.33	174.25	174.23	174.01	174.08	173.81	1
2	174.13	173.71	173.85	173.97	174.09	174.30	174.32	174.35	174.15	174.07	173.98	174.08	2
3	173.81	173.84	173.94	173.88	174.12	174.26	174.32	174.32	174.08	174.08	173.92	173.95	3
4	173.82	173.88	173.77	174.03	174.05	174.32	174.31	174.38	174.08	174.18	173.80	173.88	4
5	173.80	173.80	173.81	174.09	174.07	174.28	174.31	174.30	174.15	174.05	173.98	173.85	5
6	173.78	174.13	173.52	174.06	174.09	174.28	174.32	174.30	174.10	174.17	174.02	173.89	6
7	173.82	174.15	173.51	174.06	174.21	174.30	174.35	174.26	174.10	174.08	173.83	173.85	7
8	174.45	174.42	173.78	174.00	174.16	174.28	174.32	174.27	174.13	173.98	173.83	173.79	8
9	174.07	174.25	173.84	174.17	174.06	174.28	174.31	174.22	174.12	173.97	174.22	173.80	9
10	173.98	174.17	173.84	174.22	174.01	174.38	174.43	174.23	174.12	174.08	174.02	173.91	10
11	173.75	174.06	173.83	174.07	174.07	174.33	174.33	174.20	174.08	173.98	174.21	173.81	11
12	173.98	173.97	173.81	174.08	174.10	174.26	174.37	174.19	174.09	174.03	173.91	173.82	12
13	173.97	173.86	173.83	174.08	174.08	174.33	174.28	174.20	173.99	173.98	173.80	173.76	13
14	173.88	173.88	173.84	174.05	174.10	174.28	174.28	174.19	173.88	173.91	173.82	173.93	14
15	174.03	173.84	174.10	174.08	174.11	174.28	174.28	174.21	173.99	173.84	173.80	173.83	15
16	174.02	173.87	173.95	174.04	174.12	174.31	174.25	174.20	174.01	173.85	174.47	173.99	16
17	174.04	173.84	173.71	174.05	174.13	174.36	174.28	174.13	174.11	173.73	174.26	173.88	17
18	173.80	173.84	173.88	174.07	174.10	174.39	174.28	174.05	174.05	173.82	174.23	173.94	18
19	173.87	173.87	173.88	174.08	174.09	174.32	174.23	174.14	174.05	173.88	174.09	173.79	19
20	174.01	173.84	173.84	174.07	174.12	174.32	174.11	174.23	174.08	174.13	174.24	173.88	20
21	173.88	173.87	173.92	174.07	174.18	174.30	174.22	174.22	174.04	174.18	173.82	173.86	21
22	173.84	173.90	173.87	174.06	174.12	174.33	174.28	174.18	174.08	174.04	173.85	173.85	22
23	173.88	173.86	173.83	174.08	174.04	174.34	174.28	174.18	174.21	173.94	173.81	173.79	23
24	173.83	173.86	173.88	174.08	174.14	174.34	174.28	174.09	174.07	173.83	174.04	173.90	24
25	173.82	173.87	173.89	174.08	174.13	174.38	174.28	174.04	174.09	173.83	174.03	174.01	25
26	173.95	173.92	173.84	174.04	174.20	174.35	174.29	174.07	174.08	173.82	173.82	173.91	26
27	174.07	173.83	173.81	174.05	174.22	174.36	174.35	174.11	174.01	173.81	173.84	173.78	27
28	173.87	173.87	173.98	173.99	174.18	174.36	174.29	174.11	174.07	173.82	174.07	173.80	28
29	173.82		173.89	174.00	174.18	174.31	174.25	174.20	174.18	173.82	174.05	173.82	29
30	173.87		173.89	174.05	174.22	174.31	174.23	174.21	173.89	173.81	174.11	173.80	30
31	174.00		173.89		174.28		174.24	174.14		174.08		173.82	31
MEAN	173.94	173.94	173.84	174.06	174.12	174.33	174.29	174.20	174.08	173.98	174.02	173.88	MEAN
MAX	174.45	174.42	174.10	174.22	174.28	174.39	174.43	174.38	174.23	174.18	174.47	174.08	MAX
MIN	173.82	173.71	173.81	173.97	174.01	174.24	174.11	174.04	173.88	173.88	173.83	173.80	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 174.05
MAXIMUM DAILY, 174.47 ON NOV 16
MINIMUM DAILY, 173.51 ON MAR 7
MAXIMUM INSTANTANEOUS,
176.09 AT 10:15 EST ON FEB 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 52 26 N
LONG 79 15 13 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 12085 PORT COLBORNE

LAKE ERIE AT PORT DOVER - STATION NO. 02GC028

DAILY WATER LEVEL IN METRES FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	173.80	173.84	173.84	173.87	174.00	174.21	174.30	174.23	174.18	173.98	173.87	173.78	1
2	173.88	173.75	173.82	173.84	174.04	174.28	174.28	174.28	174.10	174.03	173.83	173.87	2
3	173.80	173.82	173.80	173.84	174.08	174.33	174.28	174.26	174.05	173.88	173.87	173.84	3
4	173.78	173.85	173.78	173.98	174.02	174.26	174.28	174.28	174.08	174.05	173.88	173.81	4
5	173.80	173.86	173.80	174.06	174.05	174.28	174.28	174.23	174.11	173.97	173.82	173.82	5
6	173.78	174.02	173.88	174.02	174.08	174.28	174.29	174.23	174.08	174.08	173.93	173.82	6
7	173.82	174.02	173.89	174.02	174.12	174.27	174.30	174.20	174.08	174.00	173.81	173.81	7
8	174.21	174.18	173.77	173.88	174.08	174.26	174.29	174.20	174.10	173.92	173.82	173.78	8
9	173.84	174.05	173.83	174.08	174.03	174.26	174.29	174.18	174.09	173.92	174.08	173.78	9
10	173.89	174.00	173.82	174.10	174.00	174.32	174.34	174.18	174.09	174.03	173.84	173.84	10
11	173.74	173.83	173.82	174.03	174.05	174.28	174.28	174.17	174.07	173.83	174.05	173.78	11
12	173.80	173.87	173.80	174.08	174.08	174.22	174.28	174.17	174.07	173.86	173.88	173.78	12
13	173.88	173.86	173.82	174.04	174.08	174.28	174.28	174.17	173.98	173.82	173.88	173.78	13
14	173.85	173.83	173.83	174.02	174.08	174.27	174.26	174.17	173.91	173.89	173.88	173.80	14
15	173.82	173.82	173.87	174.03	174.09	174.26	174.23	174.17	173.89	173.82	173.86	173.81	15
16	173.83	173.83	173.88	174.01	174.08	174.30	174.23	174.18	174.02	173.81	174.18	173.88	16
17	173.84	173.83	173.73	174.03	174.10	174.34	174.24	174.11	174.08	173.78	174.08	173.88	17
16	173.88	173.82	173.84	174.03	174.08	174.32	174.23	174.08	174.04	173.82	174.05	173.84	18
19	173.88	173.85	173.86	174.05	174.07	174.28	174.21	174.12	174.03	173.84	173.87	173.78	19
20	173.89	173.83	173.82	174.04	174.10	174.29	174.13	174.17	174.04	174.05	174.04	173.84	20
21	173.85	173.84	173.88	174.04	174.13	174.29	174.22	174.18	174.02	174.08	173.84	173.84	21
22	173.88	173.86	173.85	174.03	174.08	174.31	174.25	174.15	174.04	173.86	173.81	173.78	22
23	173.83	173.83	173.81	174.02	174.04	174.31	174.26	174.13	174.10	173.80	173.87	173.75	23
24	173.80	173.85	173.85	174.02	174.10	174.32	174.26	174.08	174.03	173.80	173.83	173.81	24
25	173.88	173.85	173.87	174.01	174.10	174.32	174.25	174.05	174.04	173.80	173.83	173.88	25
26	173.90	173.90	173.83	174.01	174.17	174.31	174.27	174.07	174.02	173.88	173.85	173.78	26
27	173.86	173.89	173.88	174.03	174.15	174.32	174.30	174.09	173.99	173.88	173.83	173.74	27
28	173.91	173.84	173.93	173.98	174.15	174.32	174.24	174.09	174.01	173.89	173.93	173.72	28
29	173.86		173.87	173.89	174.15	174.28	174.22	174.15	174.05	173.89	173.94	173.84	29
30	173.81		173.87	174.03	174.18	174.28	174.21	174.14	173.98	173.89	173.98	173.84	30
31	173.94		173.95		174.21		174.22	174.10		173.98		173.78	31
MEAN	173.84	173.88	173.82	174.02	174.09	174.28	174.26	174.15	174.05	173.93	173.93	173.80	MEAN
MAX	174.21	174.18	173.87	174.10	174.21	174.34	174.34	174.28	174.18	174.08	174.18	173.87	MAX
MIN	173.84	173.75	173.58	173.84	174.00	174.21	174.13	174.05	173.81	173.84	173.81	173.84	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1969

MEAN, 174.01
MAXIMUM DAILY, 174.34 ON JUN 17
MINIMUM DAILY, 173.58 ON MAR 5
MAXIMUM INSTANTANEOUS,
174.79 AT 11:45 EST ON FEB 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 48 51 N
LONG 80 12 06 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 12710 PORT DOVER

LAKE ERIE AT PORT STANLEY - STATION NO. 02GC027

DAILY WATER LEVEL IN METRES FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	173.85	173.88	173.89	173.98	174.05	174.25	174.34	174.28	174.17	174.04	173.88	---	1
2	173.88	173.87	173.87	173.88	174.08	174.27	174.34	174.30	174.13	174.04	173.83	---	2
3	173.88	173.86	173.82	173.89	174.09	174.27	174.34	174.28	174.13	173.99	173.80	---	3
4	173.84	173.89	173.87	174.02	174.08	174.30	174.35	174.29	174.18	173.98	173.88	---	4
5	173.87	173.90	173.83	174.07	174.09	174.30	174.34	174.27	174.15	174.01	173.87	---	5
6	173.88	173.95	173.77	174.04	174.08	174.30	174.35	174.25	174.13	173.98	173.82	---	6
7	173.90	173.95	173.80	174.05	174.07	174.31	174.34	174.23	174.13	173.95	173.88	---	7
8	173.95	173.94	173.88	174.05	174.08	174.31	174.34	174.23	174.14	173.95	173.81	---	8
9	173.88	173.92	173.87	174.07	174.08	174.31	174.34	174.24	174.14	173.97	173.87	---	9
10	173.90	173.94	173.87	174.05	174.07	174.32	174.34	174.22	174.11	174.05	173.83	---	10
11	173.84	173.91	173.87	174.05	174.08	174.31	174.31	174.20	174.12	173.87	173.85	---	11
12	173.88	173.86	173.87	174.09	174.13	174.30	174.30	174.20	174.11	173.86	173.86	---	12
13	173.86	173.89	173.87	174.07	174.11	174.32	174.30	174.21	174.08	173.86	173.82	---	13
14	173.89	173.87	173.88	174.07	174.13	174.33	174.29	174.20	174.04	173.86	173.81	---	14
15	173.90	173.86	173.82	174.06	174.13	174.32	174.29	174.20	174.09	173.88	173.82	---	15
16	173.92	173.84	173.89	174.06	174.13	174.35	174.28	174.18	174.10	173.86	173.83	---	16
17	173.82	173.88	173.85	174.07	174.13	174.37	174.38	174.17	174.12	173.81	173.87	---	17
18	173.90	173.87	173.88	174.07	174.13	176.34	174.28	174.16	174.11	173.80	173.81	---	18
19	173.88	173.88	173.80	174.08	174.13	174.33	174.27	174.18	174.11	173.88	173.83	173.78	19
20	173.83	173.88	173.90	174.08	174.14	174.34	174.28	174.21	174.10	174.05	173.84	173.78	20
21	173.88	173.88	173.88	174.07	174.16	174.38	174.32	174.18	174.10	174.00	173.85	173.74	21
22	173.89	173.85	173.91	174.05	174.13	174.35	174.31	174.17	174.07	173.85	173.87	173.77	22
23	173.87	173.84	173.88	174.05	174.12	174.38	174.32	174.18	174.08	173.86	173.89	173.78	23
24	173.87	173.86	173.90	174.07	174.15	174.37	174.31	174.18	174.08	173.85	173.91	173.80	24
25	173.83	173.88	173.91	174.08	174.18	174.36	174.30	174.14	174.09	173.85	173.90	173.84	25
26	173.90	173.88	173.80	174.08	174.18	174.38	174.31	174.14	174.02	173.84	173.88	173.73	26
27	173.91	173.87	173.82	174.07	174.19	174.38	174.31	174.14	174.04	173.84	173.89	173.78	27
28	173.92	173.87	173.84	174.08	174.19	174.34	174.28	174.14	174.08	173.85	173.85	173.76	28
29	173.91		173.93	174.08	174.19	174.33	174.29	174.15	174.04	173.85	173.86	173.74	29
30	173.91		173.83	174.08	174.21	174.34	174.30	174.15	174.02	173.85	173.84	173.74	30
31	173.84		173.84		174.25		174.28	174.15		173.88		173.77	31
MEAN	173.88	173.89	173.86	174.05	174.13	174.33	174.31	174.20	174.10	173.97	173.91	---	MEAN
MAX	173.95	173.95	173.94	174.09	174.25	174.38	174.38	174.30	174.17	174.05	173.97	---	MAX
MIN	173.83	173.84	173.77	173.88	174.05	174.25	174.27	174.14	174.02	173.88	173.84	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1969

MAXIMUM INSTANTANEOUS,
174.84 AT 03:45 EST ON JUN 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 38 32 N
LONG 81 12 48 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 12400 PORT STANLEY

LAKE HURON AT COLLINGWOOD - STATION NO. 02ED012

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176.08	176.13	176.18	176.18	176.18	176.28	176.31	176.30	176.28	176.11	176.19	175.94	1
2	176.28	176.04	176.10	176.08	176.18	176.28	176.31	176.35	176.28	176.20	176.06	175.91	2
3	176.10	176.14	175.98	176.08	176.21	176.28	176.31	176.37	176.28	176.32	176.08	176.07	3
4	176.12	176.12	175.80	176.08	176.17	176.29	176.33	176.37	176.19	176.30	175.96	175.92	4
5	176.06	176.12	176.06	176.14	176.13	176.26	176.32	176.36	176.23	176.15	176.01	175.94	5
6	175.96	176.14	176.02	176.16	176.22	176.25	176.32	176.41	176.24	176.24	176.13	176.06	6
7	175.97	176.16	175.97	176.16	176.26	176.25	176.36	176.36	176.21	176.28	176.04	176.04	7
8	176.28	176.34	176.00	176.11	176.23	176.24	176.33	176.34	176.26	176.14	175.98	175.98	8
9	176.25	176.24	176.04	176.16	176.17	176.25	176.32	176.31	176.22	176.10	176.08	175.84	9
10	176.24	176.19	176.01	176.21	176.16	176.36	176.36	176.30	176.27	176.02	176.12	176.02	10
11	176.08	176.20	176.02	176.16	176.16	176.30	176.36	176.31	176.24	176.10	176.25	175.83	11
12	176.16	176.21	176.03	176.12	176.19	176.24	176.32	176.30	176.27	176.14	176.17	175.88	12
13	176.27	176.06	176.03	176.16	176.16	176.24	176.33	176.29	176.25	176.16	175.98	175.86	13
14	176.19	176.12	176.01	176.14	176.17	176.24	176.33	176.29	176.23	176.03	176.01	175.81	14
15	176.23	176.11	176.09	176.16	176.19	176.26	176.31	176.32	176.24	176.02	176.07	176.84	15
16	176.18	176.11	176.12	176.13	176.19	176.27	176.31	176.34	176.20	176.07	176.10	175.86	16
17	176.21	176.09	176.06	176.18	176.18	176.28	176.31	176.28	176.22	175.88	176.18	175.86	17
18	176.11	176.07	176.07	176.18	176.15	176.31	176.31	176.25	176.21	176.02	176.12	175.83	18
19	176.17	176.12	176.10	176.19	176.13	176.30	176.28	176.25	176.18	175.91	176.13	175.84	19
20	176.22	176.08	176.07	176.17	176.15	176.30	176.28	176.28	176.20	175.94	176.24	176.00	20
21	176.14	176.07	176.11	176.18	176.27	176.28	176.28	176.33	176.19	176.09	176.14	175.88	21
22	176.18	176.11	176.08	176.18	176.20	176.28	176.28	176.27	176.24	176.13	176.00	175.91	22
23	176.14	176.06	176.06	176.18	176.17	176.29	176.28	176.30	176.28	176.05	176.02	175.80	23
24	176.08	176.04	176.03	176.16	176.17	176.31	176.30	176.23	176.24	176.04	176.08	176.01	24
25	175.92	176.03	176.06	176.13	176.15	176.33	176.30	176.21	176.23	176.04	176.01	175.95	25
26	176.11	176.03	176.03	176.15	176.23	176.30	176.32	176.22	176.27	176.04	176.07	175.96	26
27	176.22	176.08	176.04	176.17	176.28	176.35	176.38	176.23	176.17	176.04	175.88	176.88	27
28	176.18	176.03	176.11	176.13	176.21	176.37	176.34	176.23	176.22	176.03	176.03	175.83	28
29	176.13		176.10	176.12	176.18	176.34	176.31	176.22	176.26	176.03	176.06	175.80	29
30	176.15		176.07	176.17	176.21	176.32	176.30	176.33	176.14	176.02	176.18	175.79	30
31	176.16		176.14		176.22		176.29	176.26		176.04		175.87	31
MEAN	176.15	176.12	176.05	176.15	176.18	176.28	176.32	176.30	176.23	176.09	176.07	175.83	MEAN
MAX	176.28	176.34	176.18	176.21	176.28	176.37	176.38	176.41	176.28	176.32	176.25	176.08	MAX
MIN	175.92	176.03	175.80	176.08	176.13	176.24	176.26	176.21	176.14	175.91	175.88	175.79	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 176.18
MAXIMUM DAILY, 176.41 ON AUG 5
MINIMUM DAILY, 175.79 ON DEC 30
MAXIMUM INSTANTANEOUS,
176.60 AT 17:00 EST ON FEB 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 30 17 N
LONG 80 13 02 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11500 COLLINGWOOD

LAKE HURON AT GODERICH - STATION NO. 02FE012

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176.16	176.20	176.14	176.19	176.24	176.33	176.37	176.36	176.33	176.15	176.22	176.01	1
2	176.26	176.18	176.14	176.13	176.22	176.31	176.37	176.38	176.33	176.22	176.14	176.02	2
3	176.26	176.18	176.08	176.18	176.23	176.32	176.36	176.38	176.31	176.30	176.11	176.12	3
4	176.15	176.19	176.03	176.14	176.21	176.33	176.38	176.41	176.26	176.31	176.09	176.00	4
5	176.13	176.17	176.12	176.19	176.18	176.30	176.38	176.41	176.26	176.21	176.03	176.00	5
6	176.08	176.17	176.09	176.20	176.28	176.31	176.37	176.45	176.28	176.27	176.15	176.11	6
7	176.06	176.17	176.06	176.20	176.30	176.31	176.40	176.38	176.26	176.28	176.10	176.11	7
8	176.21	176.26	176.07	176.16	176.27	176.31	176.37	176.39	176.26	176.21	176.06	176.03	8
9	176.30	176.26	176.09	176.23	176.24	176.33	176.38	176.38	176.25	176.15	176.10	176.07	9
10	176.19	176.18	176.06	176.26	176.26	176.36	176.41	176.36	176.32	176.13	176.16	176.06	10
11	176.18	176.18	176.08	176.20	176.26	176.34	176.40	176.36	176.30	176.13	176.20	176.01	11
12	176.14	176.20	176.12	176.16	176.26	176.32	176.38	176.35	176.31	176.15	176.20	176.06	12
13	176.26	176.07	176.08	176.22	176.23	176.33	176.37	176.35	176.30	176.16	176.02	176.06	13
14	176.20	176.13	176.06	176.17	176.23	176.34	176.36	176.33	176.27	176.10	176.08	176.00	14
15	176.20	176.14	176.13	176.20	176.24	176.34	176.36	176.36	176.27	176.10	176.08	176.06	15
16	176.20	176.15	176.12	176.17	176.23	176.33	176.36	176.37	176.26	176.15	176.23	176.04	16
17	176.22	176.15	176.17	176.22	176.22	176.35	176.36	176.34	176.27	176.11	176.22	176.03	17
18	176.16	176.12	176.14	176.22	176.21	176.37	176.35	176.31	176.26	176.16	176.18	176.06	18
19	176.17	176.12	176.12	176.22	176.19	176.36	176.37	176.31	176.24	176.08	176.12	176.00	19
20	176.29	176.12	176.13	176.22	176.21	176.36	176.36	176.31	176.26	176.06	176.27	176.06	20
21	176.13	176.11	176.17	176.21	176.26	176.36	176.36	176.34	176.24	176.17	176.20	176.11	21
22	176.16	176.19	176.11	176.20	176.24	176.36	176.36	176.31	176.31	176.17	176.09	176.03	22
23	176.16	176.12	176.08	176.19	176.23	176.34	176.36	176.32	176.41	176.10	176.09	176.06	23
24	176.17	176.06	176.08	176.18	176.22	176.37	176.36	176.28	176.30	176.10	176.10	176.07	24
25	176.04	176.08	176.10	176.21	176.16	176.38	176.35	176.27	176.27	176.09	176.04	176.07	25
26	176.11	176.11	176.10	176.21	176.26	176.38	176.36	176.26	176.30	176.08	176.08	176.08	26
27	176.23	176.13	176.06	176.21	176.28	176.38	176.38	176.26	176.22	176.09	176.00	176.03	27
28	176.16	176.08	176.12	176.18	176.27	176.40	176.36	176.28	176.24	176.08	176.10	176.08	28
29	176.18		176.17	176.18	176.23	176.37	176.33	176.26	176.26	176.07	176.10	176.02	29
30	176.18		176.14	176.22	176.26	176.37	176.35	176.25	176.18	176.08	176.23	176.08	30
31	176.16		176.20		176.31		176.34	176.29		176.07		176.05	31
MEAN	176.17	176.15	176.11	176.20	176.24	176.35	176.37	176.34	176.28	176.15	176.13	176.01	MEAN
MAX	176.30	176.26	176.20	176.28	176.31	176.40	176.41	176.45	176.41	176.31	176.27	176.12	MAX
MIN	176.04	176.07	176.03	176.13	176.16	176.30	176.33	176.27	176.18	176.05	176.09	176.00	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 176.21
MAXIMUM DAILY, 176.45 ON AUG 5
MINIMUM DAILY, 176.00 ON DEC 30
MAXIMUM INSTANTANEOUS,
176.77 AT 22:45 EST ON SEP 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 44 45 N
LONG 81 43 44 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11880 GODERICH

LAKE HURON AT LITTLE CURRENT - STATION NO. 02CE002

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176.03	175.87	175.87	176.01	176.08	176.17	176.24	176.21	176.11	176.04	176.08	175.85	1
2	176.10	175.85	175.88	176.01	176.06	176.17	176.23	176.26	176.17	176.07	175.94	175.82	2
3	176.08	175.86	175.90	176.07	176.11	176.17	176.22	176.28	176.15	176.14	175.82	175.80	3
4	176.00	176.01	---	176.08	176.08	176.21	176.24	176.27	176.15	176.14	175.82	175.80	4
5	176.03	176.02	---	176.03	176.07	176.16	176.23	176.25	176.13	176.13	175.89	175.85	5
								176.25	176.15	176.05	175.88	175.87	
6	175.88	176.01	175.90	176.03	176.12	176.16	176.25	176.24	176.16	176.12	176.03	175.86	6
7	176.01	176.06	175.89	176.03	176.10	176.15	176.23	176.21	176.13	176.06	175.98	175.88	7
8	176.15	176.04	175.92	176.01	176.11	176.12	176.23	176.23	176.17	176.06	175.92	175.85	8
9	176.14	176.06	175.84	176.03	176.06	176.14	176.24	176.21	176.12	176.00	176.00	175.88	9
10	176.10	176.06	175.83	176.06	176.03	176.22	176.27	176.19	176.13	176.05	176.03	175.87	10
11	176.02	176.03	175.82	176.07	176.03	176.21	176.24	176.20	176.13	176.01	176.13	175.78	11
12	176.04	176.01	175.80	176.06	176.06	176.13	176.21	176.19	176.17	176.07	176.04	175.78	12
13	176.08	176.04	175.86	176.07	176.08	176.11	176.20	176.18	176.13	176.08	175.91	175.74	13
14	176.11	176.09	175.84	176.08	176.08	176.11	176.20	176.20	176.12	176.03	175.88	175.71	14
15	176.08	176.07	175.84	176.06	176.07	176.16	176.22	176.20	176.14	176.04	175.86	175.73	15
16	176.06	175.97	175.89	176.06	176.06	176.19	176.22	176.21	176.10	175.82	175.89	175.82	16
17	176.07	175.86	175.88	176.06	176.06	176.22	176.22	176.16	176.12	175.86	176.09	175.86	17
18	176.03	175.87	175.93	176.07	176.08	176.23	176.22	176.18	176.11	175.88	176.08	175.82	18
19	176.06	175.89	175.88	176.07	176.04	176.21	176.17	176.19	176.10	175.83	176.06	175.82	19
20	175.97	175.88	175.88	176.06	176.07	176.20	176.17	176.17	176.13	175.88	175.89	175.85	20
21	176.07	175.93	175.87	176.04	176.17	176.19	176.19	176.22	176.11	175.84	175.92	175.81	21
22	176.09	175.93	176.00	176.02	176.11	176.19	176.19	176.18	176.10	176.02	175.88	175.78	22
23	176.04	175.93	176.05	176.03	176.07	176.20	176.21	176.16	176.14	176.04	175.92	175.81	23
24	175.89	175.87	175.84	176.06	176.08	176.22	176.22	176.11	176.14	175.94	176.02	175.89	24
25	175.92	175.87	175.96	176.02	176.08	176.23	176.23	176.11	176.15	175.94	176.01	175.86	25
26	175.96	175.93	175.95	176.04	176.14	176.22	176.24	176.12	176.04	175.95	175.94	175.74	26
27	176.07	175.88	175.88	176.04	176.16	176.22	176.24	176.13	176.07	175.95	175.84	175.80	27
28	176.08	175.87	176.01	176.01	176.13	176.22	176.19	176.14	176.15	175.95	175.79	175.78	28
29	176.02		175.97	176.01	176.10	176.23	176.22	176.15	176.12	175.98	175.88	175.72	29
30	176.03		175.97	176.06	176.10	176.24	176.20	176.22	176.04	175.98	175.84	175.73	30
31	176.07		176.00		176.12		176.19	176.18		175.98		175.78	31
MEAN	176.04	175.98	---	176.04	176.09	176.19	176.22	176.19	176.12	175.98	175.98	175.81	MEAN
MAX	176.15	176.06	---	176.08	176.16	176.26	176.26	176.27	176.17	176.14	176.13	175.89	MAX
MIN	175.82	175.83	---	175.97	176.03	176.11	176.17	176.11	176.04	175.83	175.79	175.71	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1989

MAXIMUM DAILY, 176.26 ON JUN 27
MINIMUM DAILY, 175.71 ON DEC 14
MAXIMUM INSTANTANEOUS,
176.51 AT 05:40 EST ON SEP 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 58 53 N
LONG 81 55 41 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1985)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11195 LITTLE CURRENT

LAKE HURON AT PARRY SOUND - STATION NO. 02EA014

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176.01	176.01	176.07	176.04	176.10	176.16	176.23	176.20	176.13	176.02	176.14	175.83	1
2	176.10	175.93	176.00	176.00	176.06	176.16	176.22	176.27	176.18	176.11	176.07	175.80	2
3	175.86	176.00	175.86	175.99	176.11	176.17	176.22	176.26	176.15	176.21	175.93	175.86	3
4	176.00	176.03	175.81	175.98	176.07	176.20	176.24	176.27	176.10	176.17	175.90	175.81	4
5	176.00	176.03	175.91	176.05	176.04	176.16	176.23	176.25	176.15	176.04	175.88	175.84	5
6	175.90	176.05	175.90	176.08	176.13	176.16	176.23	176.30	176.15	176.16	176.08	175.86	6
7	175.91	176.09	175.86	176.06	176.16	176.16	176.23	176.22	176.12	176.15	175.94	175.92	7
8	176.30	176.25	175.90	176.01	176.12	176.14	176.22	176.23	176.17	176.00	175.86	175.85	8
9	176.15	176.13	175.94	176.08	176.07	176.15	176.22	176.21	176.14	175.98	176.02	175.85	9
10	176.19	176.12	175.92	176.11	176.04	176.28	176.30	176.21	176.16	176.05	176.04	175.93	10
11	175.89	176.10	175.81	176.08	176.05	176.21	176.23	176.22	176.13	176.02	176.22	175.80	11
12	176.08	176.08	175.81	176.02	176.08	176.14	176.21	176.22	176.17	176.08	176.05	175.80	12
13	176.16	176.06	175.83	176.08	176.06	176.12	176.20	176.21	176.11	176.07	176.07	175.78	13
14	176.12	176.03	175.82	176.05	176.06	176.12	176.21	176.21	176.10	175.82	175.89	175.78	14
15	176.17	176.01	175.86	176.07	176.05	176.14	176.20	176.26	176.13	175.86	175.86	175.73	15
16	176.07	176.06	176.02	176.04	176.08	176.17	176.20	176.26	176.08	175.85	176.02	175.84	16
17	176.14	176.06	175.85	176.08	176.09	176.21	176.20	176.16	176.12	175.86	176.16	175.85	17
18	176.03	176.06	175.86	176.06	176.05	176.23	176.21	176.15	176.10	176.00	176.03	175.84	18
19	176.07	176.03	176.00	176.09	176.03	176.21	176.17	176.16	176.08	175.77	176.11	175.85	19
20	176.05	176.06	175.87	176.07	176.05	176.20	176.16	176.16	176.12	175.86	176.10	175.90	20
21	176.02	176.06	176.01	176.07	176.20	176.19	176.19	176.24	176.10	175.86	176.06	175.84	21
22	176.13	176.06	175.89	176.04	176.11	176.18	176.18	176.17	176.13	176.02	176.06	175.81	22
23	176.05	176.02	175.95	176.05	176.07	176.20	176.20	176.17	176.21	176.07	175.91	175.81	23
24	176.07	176.05	176.02	176.05	176.06	176.22	176.21	176.09	176.10	176.04	176.06	175.86	24
25	176.03	176.04	176.06	176.03	176.07	176.24	176.23	176.10	176.14	176.04	176.04	175.91	25
26	176.01	176.03	176.03	176.06	176.15	176.21	176.23	176.13	176.10	176.03	176.07	176.01	26
27	176.11	176.06	176.06	176.06	176.19	176.26	176.26	176.12	176.05	176.04	176.10	176.10	27
28	176.08	176.04	176.01	176.02	176.12	176.24	176.18	176.14	176.15	176.04	176.07	176.01	28
29	176.04		176.04	176.02	176.09	176.23	176.20	176.13	176.16	176.04	176.09	176.10	29
30	176.05		176.07	176.07	176.10	176.22	176.18	176.26	176.02	176.03	176.01	176.11	30
31	176.08		176.03		176.12		176.18	176.13		176.07		176.19	31
MEAN	176.08	176.01	175.95	176.05	176.09	176.19	176.21	176.20	176.13	175.99	176.08	175.83	MEAN
MAX	176.30	176.26	176.07	176.11	176.20	176.26	176.30	176.27	176.21	176.22	176.08	175.86	MAX
MIN	175.83	175.92	175.81	175.98	176.03	176.12	176.16	176.09	176.03	175.77	175.79	175.70	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1989

MEAN, 176.08
MAXIMUM DAILY, 176.30 ON JAN 8
MINIMUM DAILY, 175.70 ON DEC 14
MAXIMUM INSTANTANEOUS,
176.53 AT 14:30 EST ON JAN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 20 15 N
LONG 80 02 08 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1985)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11375 PARRY SOUND

LAKE HURON AT THESSALON - STATION NO. 02CA006

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176.18	176.06	176.02	176.11	176.17	176.24	176.32	176.28	176.18	176.14	176.06	176.00	1
2	176.16	176.04	176.07	176.13	176.14	176.28	176.32	176.31	176.22	176.07	176.02	175.98	2
3	176.13	176.04	176.02	176.08	176.16	176.25	176.33	176.33	176.22	176.07	176.01	175.96	3
4	176.08	176.11	176.07	176.09	176.20	176.25	176.32	176.31	176.24	176.12	176.13	176.00	4
5	176.15	176.11	176.05	176.13	176.17	176.28	176.32	176.32	176.24	176.16	176.08	175.98	5
6	176.05	176.10	176.01	176.13	176.16	176.25	176.33	176.26	176.23	176.10	176.03	175.98	6
7	176.10	176.15	176.00	176.16	176.16	176.26	176.31	176.26	176.23	176.10	176.05	175.97	7
8	176.14	176.07	176.02	176.13	176.16	176.24	176.32	176.29	176.26	176.07	176.03	175.95	8
9	176.21	176.17	176.03	176.08	176.16	176.24	176.33	176.28	176.21	176.10	176.04	176.00	9
10	176.16	176.13	176.04	176.15	176.13	176.26	176.32	176.27	176.22	176.08	176.04	175.91	10
11	176.14	176.10	176.01	176.16	176.14	176.29	176.30	176.28	176.23	176.12	176.06	175.89	11
12	176.08	176.08	175.99	176.15	176.15	176.25	176.28	176.28	176.21	176.10	176.07	175.87	12
13	176.16	176.13	176.05	176.15	176.16	176.23	176.28	176.29	176.21	176.10	176.03	175.88	13
14	176.21	176.07	176.04	176.16	176.16	176.24	176.30	176.29	176.19	176.04	175.97	175.84	14
15	176.15	176.08	175.98	176.16	176.17	176.24	176.32	176.26	176.21	176.08	176.02	175.86	15
16	176.16	176.04	176.05	176.16	176.17	176.30	176.31	176.27	176.19	176.01	175.84	175.91	16
17	176.11	176.05	176.04	176.13	176.17	176.31	176.31	176.24	176.20	175.98	176.09	175.95	17
18	176.14	176.07	175.99	176.17	176.18	176.32	176.31	176.24	176.21	175.98	176.13	175.91	18
19	176.12	176.08	176.07	176.16	176.18	176.30	176.27	176.26	176.21	175.97	176.14	175.92	19
20	176.04	176.07	176.04	176.16	176.18	176.30	176.27	176.27	176.22	175.98	175.93	175.92	20
21	176.17	176.02	176.04	176.14	176.20	176.30	176.28	176.24	176.21	175.98	175.89	175.88	21
22	176.17	176.00	176.08	176.13	176.20	176.30	176.28	176.26	176.13	176.09	175.84	175.88	22
23	176.14	176.02	176.07	176.13	176.17	176.31	176.30	176.22	176.11	176.07	176.01	175.90	23
24	176.07	176.07	176.08	176.16	176.16	176.30	176.30	176.22	176.21	176.04	176.02	175.86	24
25	176.08	176.08	176.08	176.12	176.17	176.31	176.30	176.22	176.21	176.08	175.99	175.92	25
26	176.03	176.03	176.08	176.14	176.19	176.32	176.30	176.23	176.10	176.05	175.94	175.83	26
27	176.14	176.08	176.08	176.15	176.20	176.32	176.29	176.23	176.16	176.06	175.97	175.89	27
28	176.14	176.07	176.10	176.13	176.23	176.30	176.26	176.22	176.22	176.06	175.93	175.87	28
29	176.12		176.07	176.13	176.20	176.30	176.27	176.22	176.14	176.06	176.03	175.83	29
30	176.12		176.06	176.16	176.20	176.33	176.28	176.23	176.14	176.06	175.98	175.82	30
31	176.15		176.08		176.21		176.28	176.23		176.06		175.84	31
MEAN	176.13	176.07	176.04	176.14	176.17	176.28	176.30	176.26	176.20	176.09	176.01	175.91	MEAN
MAX	176.21	176.17	176.10	176.16	176.23	176.33	176.33	176.33	176.25	176.16	176.14	176.00	MAX
MIN	176.03	176.00	175.98	176.08	176.13	176.23	176.28	176.22	176.10	175.97	175.83	175.82	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 176.13
MAXIMUM DAILY, 176.33 ON JUN 30
MINIMUM DAILY, 175.82 ON DEC 30
MAXIMUM INSTANTANEOUS,
176.38 AT 17:30 EST ON JUN 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 15 11 N
LONG 83 33 07 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11070 THESSALON

LAKE HURON AT TOBERMORY - STATION NO. 02FA003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176.10	176.04	176.08	176.08	176.18	176.22	176.27	176.28	176.20	176.08	176.11	176.82	1
2	176.17	176.02	176.04	176.08	176.14	176.22	176.28	176.29	176.24	176.13	176.02	176.82	2
3	176.07	176.04	176.83	176.07	176.17	176.22	176.28	176.30	176.22	176.17	176.88	176.82	3
4	176.08	176.08	176.81	176.07	176.14	176.26	176.28	176.30	176.18	176.16	176.00	176.81	4
5	176.08	176.08	176.86	176.12	176.12	176.22	176.28	176.31	176.22	176.11	176.02	176.82	5
6	176.01	176.08	176.86	176.12	176.16	176.22	---	176.31	176.22	176.16	176.05	176.87	6
7	176.03	176.13	176.83	176.11	176.16	176.22	---	176.26	176.20	176.16	176.01	176.86	7
8	176.20	176.21	176.87	176.09	176.17	176.30	176.28	176.26	176.23	176.07	176.87	176.84	8
9	176.20	176.17	176.00	176.13	176.12	176.22	176.28	176.24	176.22	176.07	176.03	176.84	9
10	176.16	176.14	176.89	176.16	176.11	176.28	176.33	176.26	176.23	176.04	176.06	176.87	10
11	176.08	176.14	176.86	176.13	176.12	176.28	176.28	176.28	176.22	176.06	176.15	176.80	11
12	176.11	176.11	176.86	176.12	176.16	176.21	176.25	176.26	176.23	176.09	176.06	176.87	12
13	176.18	176.07	176.00	176.15	176.12	176.20	176.28	176.26	176.21	176.10	176.86	176.86	13
14	176.16	176.07	176.88	176.14	176.13	176.20	176.27	176.26	176.16	176.01	176.86	---	14
15	176.17	176.08	176.02	176.14	176.14	176.22	176.27	176.27	176.20	176.02	176.83	---	15
16	176.16	176.04	176.07	176.12	176.14	176.26	176.28	176.27	176.16	176.03	176.02	176.83	16
17	176.18	176.04	176.01	176.14	176.14	176.26	176.26	176.22	176.16	176.87	176.12	176.84	17
18	176.12	176.03	176.00	176.14	176.12	176.26	176.26	176.22	176.17	176.86	176.06	176.81	18
19	176.13	176.07	176.06	176.16	176.11	176.27	176.24	176.23	176.16	176.82	176.10	176.82	19
20	176.10	176.04	176.03	176.14	176.12	176.27	176.23	176.23	176.16	176.86	176.09	176.86	20
21	176.12	176.01	176.08	176.12	176.21	176.26	176.25	176.26	176.17	176.03	176.01	176.81	21
22	176.16	176.02	176.06	176.10	176.17	176.26	176.25	176.24	176.16	176.06	176.86	176.87	22
23	176.10	176.09	176.03	176.11	176.14	176.27	176.25	176.24	176.23	176.04	176.89	176.89	23
24	176.04	176.01	176.02	176.12	176.14	176.26	176.27	176.16	176.17	176.02	176.02	176.84	24
25	176.09	176.03	176.03	176.10	176.14	176.30	176.27	176.20	176.16	176.02	176.99	176.86	25
26	176.06	176.01	176.03	176.12	176.20	176.26	176.26	176.20	176.16	176.02	176.00	176.87	26
27	176.16	176.03	176.03	176.12	176.22	176.31	176.31	176.20	176.12	176.02	176.93	176.86	27
28	176.12	176.01	176.08	176.09	176.16	176.26	176.26	176.20	176.16	176.02	175.92	176.86	28
29	176.07		176.06	176.09	176.16	176.26	176.25	176.20	176.17	176.02	176.02	---	29
30	176.06		176.04	176.14	176.17	176.26	176.24	176.20	176.10	176.01	176.06	---	30
31	176.10		176.09		176.16		176.24	176.21		176.03		176.86	31
MEAN	176.11	176.06	176.01	176.12	176.16	176.26	---	176.26	176.19	176.06	176.02	---	MEAN
MAX	176.20	176.21	176.09	176.16	176.22	176.31	---	176.31	176.24	176.17	176.15	---	MAX
MIN	176.06	176.99	175.81	176.07	176.11	176.20	---	176.19	176.10	175.82	175.82	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM INSTANTANEOUS,
176.41 AT 03:42 EST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 15 31 N
LONG 81 39 57 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11880 TOBERMORY

LAKE NIPIGON AT MACDIARMID - STATION NO. 02AD007

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	280.330	280.220	280.050	259.690	259.780	280.210	280.290	280.220	280.180	280.000	259.810	259.690	1
2	280.320	280.220	280.040	259.800	259.780	280.200	280.290	280.210	280.150	280.080	259.680	259.710	2
3	280.320	280.210	280.040	259.880	259.780	280.220	280.300	280.220	280.130	280.040	259.630	259.680	3
4	280.310	280.200	280.040	259.900	259.780	280.260	280.300	280.240	280.120	280.010	259.830	259.680	4
5	280.310	280.200	280.020	259.890	259.840	280.220	280.280	280.270	280.140	280.000	259.840	259.650	5
6	280.310	280.190	280.020	259.880	259.880	280.210	280.330	280.230	280.130	280.040	259.830	259.680	6
7	280.320	280.180	280.000	259.870	259.870	280.240	280.320	280.210	280.120	280.000	259.810	259.650E	7
8	280.320	280.190	259.990	259.870	259.890	280.250	280.330	280.210	280.120	279.980	259.800	259.620E	8
9	280.300	280.170	259.980	259.870	259.900	280.240	280.320	280.220	280.120	279.980	259.840	259.620E	9
10	280.310	280.160	259.960	259.860	259.910	280.230	280.330	280.220	280.120	279.980	259.810	259.610E	10
11	280.300	280.170	259.980	259.880	259.920	280.230	280.320	280.220	280.110	279.950	259.840	259.610E	11
12	280.310	280.150	259.980	259.880	259.940	280.230	280.320	280.210	280.120	279.980	259.800	259.600E	12
13	280.280	280.150	259.980	259.840	259.940	280.250	280.310	280.230	280.110	279.980	259.800	259.600E	13
14	280.290	280.150	259.980	259.840	259.870	280.240	280.320	280.230	280.100	279.980	259.800	259.600E	14
15	280.300	280.140	259.950	259.830	259.880	280.240	280.300	280.210	280.090	279.950	259.800	259.590E	15
16	280.280	280.130	259.950	259.820	259.880	280.230	280.300	280.220	280.080	279.940	259.810	259.580E	16
17	280.300	280.130	259.940	259.820	260.010	280.240	280.290	280.200	280.080	279.930	259.780	259.580E	17
18	280.300	280.110	259.940	259.810	260.020	280.230	280.300	280.190	280.080	279.920	259.780	259.580E	18
19	280.300	280.110	259.940	259.810	260.040	280.240	280.280	280.180	280.050	279.910	259.740	259.580E	19
20	280.280	280.110	259.940	259.810	260.070	280.240	280.280	280.200	280.080	279.920	259.800	259.580E	20
21	280.280	280.110	259.930	259.800	280.080	280.230	280.280	280.190	280.080	279.910	259.780	259.580E	21
22	280.280	280.100	259.930	259.800	280.090	280.230	280.270	280.190	280.140	279.880	259.740	259.570E	22
23	280.280	280.080	259.930	259.790	280.110	280.260	280.280	280.180	280.100	279.890	259.740	259.570E	23
24	280.280	280.080	259.930	259.790	280.130	280.230	280.280	280.180	280.030	279.880	259.710	259.570E	24
25	280.280	280.080	259.930	259.790	280.140	280.230	280.280	280.180	280.080	279.880	259.720	259.580E	25
26	280.270	280.080	259.910	259.780	280.170	280.290	280.270	280.180	280.040	279.880	259.700	259.580E	26
27	280.270	280.070	259.910	259.780	280.170	280.310	280.280	280.170	280.010	279.880	259.710	259.580E	27
28	280.260	280.080	259.930	259.780	280.180	280.300	280.230	280.180	280.030	279.880	259.700	259.580E	28
29	280.230		259.910	259.780	280.200	280.300	280.220	280.170	280.040	279.870	259.680	259.580E	29
30	280.230		259.920	259.780	280.210	280.300	280.210	280.170	280.020	279.800	259.680	259.580E	30
31	280.230		259.910		280.210		280.200	280.180		279.880		259.540E	31
MEAN	280.288	280.141	259.962	259.835	280.001	280.244	280.285	280.201	280.082	279.942	259.781	259.600	MEAN
MAX	280.330	280.220	280.050	259.900	280.210	280.310	280.330	280.270	280.180	280.040	259.810	259.710	MAX
MIN	280.230	280.080	259.910	259.780	259.780	280.200	280.200	280.180	280.010	279.870	259.680	259.540	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1989

MEAN, 280.031
MAXIMUM DAILY, 280.330 ON JAN 1
MINIMUM DAILY, 259.540E ON DEC 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 26 02 N
LONG 88 07 55 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE NIPISSING AT FRENCH RIVER OUTLET - STATION NO. 02DD021

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.288	4.907	4.593	4.575	5.436	5.815	5.785	5.688	5.620	5.477	5.365	5.245	1
2	5.278	4.895	4.578	4.706	5.458	5.802	5.781	5.690	5.606	5.478	5.344	5.238	2
3	5.262	4.884	4.571	4.734	5.484	5.794	5.781	5.696	5.606	5.483	5.344	5.228	3
4	5.244	4.871	4.570	4.778	5.498	5.788	5.756	5.691	5.595	5.483	5.334	5.195	4
5	5.224	4.865	4.568	4.804	5.526	5.784	5.768	5.703	5.586	5.441	5.332	5.184	5
6	5.208	4.842	4.551	4.843	5.561	5.771	5.761	5.695	5.589	5.481	5.331	5.180	6
7	5.201	4.831	4.543	4.868	5.587	5.784	5.781	5.688	5.586	5.438	5.334	5.162	7
8	5.198	4.819	4.532	4.913	5.614	5.788	5.782	5.674	5.577	5.444	5.322	5.134	8
9	5.183	4.812	4.522	4.943	5.636	5.786	5.780	5.684	5.593	5.433	5.326	5.127	9
10	5.174	4.804	4.514	4.958	5.655	5.833	5.781	5.688	5.608	5.429	5.321	5.108	10
11	5.168	4.791	4.503	4.980	5.672	5.835	5.782	5.693	5.597	5.424	5.313	5.078	11
12	5.162	4.778	4.498	5.001	5.684	5.840	5.783	5.690	5.590	5.420	5.338	5.087	12
13	5.146	4.773	4.488	5.011	5.711	5.842	5.783	5.688	5.588	5.418	5.313	5.038	13
14	5.138	4.763	4.478	5.023	5.725	5.854	5.749	5.653	5.581	5.427	5.318	5.030	14
15	5.126	4.753	4.490	5.044	5.735	5.860	5.742	5.653	5.575	5.438	5.321	5.028	15
16	5.105	4.741	4.488	5.065	5.741	5.855	5.730	5.665	5.577	5.428	5.338	5.004	16
17	5.057	4.727	4.484	5.085	5.740	5.858	5.726	5.673	5.574	5.437	5.342	4.988	17
18	5.115	4.713	4.484	5.127	5.748	5.858	5.726	5.680	5.574	5.408	5.330	4.970	18
19	5.074	4.705	4.477	5.158	5.788	5.853	5.737	5.654	5.568	5.408	5.328	4.968	19
20	5.087	4.892	4.478	5.165	5.772	5.848	5.730	5.650	5.562	5.383	5.321	4.949	20
21	5.048	4.884	4.474	5.212	5.783	5.848	5.728	5.650	5.588	5.385	5.332	4.938	21
22	5.040	4.869	4.471	5.228	5.795	5.851	5.723	5.652	5.548	5.388	5.324	4.911	22
23	5.026	4.848	4.477	5.260	5.812	5.852	5.717	5.664	5.532	5.378	5.316	4.894	23
24	5.011	4.831	4.474	5.278	5.818	5.845	5.710	5.641	5.538	5.387	5.304	4.888	24
25	4.993	4.840	4.488	5.288	5.838	5.850	5.708	5.638	5.524	5.383	5.293	4.878	25
26	4.986	4.832	4.470	5.323	5.843	5.826	5.704	5.634	5.525	5.378	5.280	4.880	26
27	4.972	4.818	4.470	5.344	5.844	5.818	5.708	5.636	5.518	5.376	5.277	4.862	27
28	4.959	4.810	4.483	5.371	5.842	5.813	5.726	5.634	5.490	5.371	5.274	4.838	28
29	4.941		4.486	5.388	5.834	5.782	5.702	5.628	5.488	5.388	5.271	4.817	29
30	4.939		4.486	5.420	5.838	5.787	5.684	5.613	5.488	5.366	5.288	4.807	30
31	4.921		4.833		5.817		5.690	5.613		5.388		4.788	31
MEAN	5.108	4.753	4.518	5.068	5.703	5.822	5.736	5.668	5.568	5.418	5.318	5.011	MEAN
MAX	5.288	4.907	4.833	5.420	5.844	5.858	5.781	5.703	5.620	5.483	5.366	5.245	MAX
MIN	4.921	4.810	4.488	4.575	5.436	5.765	5.690	5.612	5.488	5.366	5.288	4.788	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1989

MEAN, 5.308
MAXIMUM DAILY, 5.858 ON JUN 17
MINIMUM DAILY, 4.488 ON MAR 28

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 07 33 N
LONG 80 00 42 W
DATA CONTRIBUTED BY -
DEPARTMENT OF PUBLIC WORKS (CANADA)

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 180.000 M ADJUSTMENT TO CONVERT TO FRENCH RIVER DATUM

LAKE NIPISSING AT NORTH BAY - STATION NO. 02DD005

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.380	4.882	4.678	4.743	5.507	5.907	5.827E	5.788	5.877	5.588	5.493	5.330	1
2	5.333	4.873	4.686	4.782	5.533	5.906	5.826E	5.771	5.886	5.577	5.424	5.314	2
3	5.327	4.863	4.649E	4.788	5.556	5.886	5.818E	5.782	5.874	5.830	5.415	5.309	3
4	5.306	4.843	4.648E	4.829	5.578	5.900	5.815E	5.777	5.884	5.590	5.391	5.285	4
5	5.289	4.835	4.645E	4.878	5.580	5.870	5.821E	5.773	5.871	5.538	5.387	5.267	5
6	5.273	4.820	4.642E	4.918	5.632	5.867	5.820E	5.783	5.859	5.588	5.438	5.258	6
7	5.261	4.806	4.642E	4.959	5.656	5.858	5.821E	5.785	5.853	5.595	5.413	5.238	7
8	5.261	4.803	4.628E	4.982	5.687	5.845	5.838	5.784	5.884	5.519	5.387	5.220	8
9	5.258	4.883	4.614E	5.018	5.703	5.856	5.835	5.748	5.857	5.512	5.418	5.202	9
10	5.248	4.880	4.606E	5.041	5.708	5.823	5.842	5.738	5.878	5.474	5.424	5.188	10
11	5.242	4.870	4.604E	5.053	5.724	5.828	5.838	5.730	5.887	5.508	5.482	5.171	11
12	5.228	4.859	4.598E	5.088	5.747	5.900	5.820	5.729	5.888	5.526	5.424	5.157	12
13	5.221	4.841	4.579E	5.083	5.771	5.908	5.812	5.727	5.880	5.522	5.383	5.140	13
14	5.205	4.841	4.581E	5.082	5.783	5.910	5.807	5.726	5.858	5.484	5.377	5.123	14
15	5.184	4.827	4.577E	5.108	5.802	5.908	5.809	5.736	5.883	5.484	5.370	5.109	15
16	5.181	4.815	4.574E	5.125	5.811	5.906	5.810	5.744	5.837	5.480	5.440	5.092	16
17	5.170	4.788	4.575E	5.154	5.820	5.937	5.809	5.728	5.841	5.488	5.478	5.078	17
18	5.163	4.788	4.581E	5.184	5.831	5.952	5.803	5.727	5.837	5.484	5.427	5.060	18
19	5.160	4.778	4.551E	5.224	5.832	5.936	5.788	5.728	5.838	5.434	5.420	5.044	19
20	5.154	4.785	4.542E	5.252	5.837	5.931	5.788	5.724	5.840	5.457	5.448	5.029	20
21	5.130	4.758	4.543E	5.281	5.905	5.935	5.788	5.729	5.832	5.484	5.423	5.014	21
22	5.116	4.748	4.545E	5.302	5.891	5.927	5.789	5.702	5.839	5.484	5.404	4.997	22
23	5.102	4.740	4.539E	5.325	5.892	5.905E	5.792	5.713	5.703	5.476	5.394	4.974	23
24	5.086	4.723	4.536E	5.345	5.906	5.905E	5.793	5.701	5.838	5.481	5.394	4.951	24
25	5.076	4.711	4.536E	5.370	5.903	5.905E	5.794	5.702	5.822	5.457	5.378	4.951	25
26	5.070	4.702	4.541E	5.393	5.935	5.887E	5.802	5.698	5.800	5.484	5.380	4.889	26
27	5.057	4.693	4.529E	5.420	5.935	5.898E	5.794	5.698	5.807	5.490	5.343	4.929	27
28	5.041	4.682	4.531E	5.441	5.928	5.884E	5.775	5.698	5.814	5.444	5.389	4.921	28
29	5.029		4.518	5.483	5.918	5.869E	5.782	5.686	5.585	5.442	5.358	4.902	29
30	5.012		4.585	5.482	5.902	5.840E	5.770	5.715	5.883	5.438	5.352	4.886	30
31	5.001		4.710		5.901		5.785	5.678		5.440		4.883	31
MEAN	5.178	4.830	4.595	5.137	5.775	5.898	5.805	5.732	5.848	5.487	5.408	5.098	MEAN
MAX	5.380	4.882	4.710	5.482	5.935	5.952	5.842	5.783	5.703	5.830	5.493	5.330	MAX
MIN	5.001	4.682	4.529	4.743	5.507	5.840	5.785	5.678	5.883	5.434	5.343	4.883	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 5.386
MAXIMUM DAILY, 5.952 ON JUN 18
MINIMUM DAILY, 4.529E ON MAR 27
MAXIMUM INSTANTANEOUS,
5.983 AT 11:50 EST ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 18 40 N
LONG 79 28 35 W

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 180.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LAKE OF THE WOODS AT CLEARWATER BAY - STATION NO. 05PD011

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	322.897	323.030	322.821	322.775	322.928	323.239	323.455	323.251	323.034	322.820	322.885	322.840	1
2	323.002	323.028	322.812	322.774	322.934	323.207	323.464	323.262	323.042	322.741	322.876	322.827	2
3	322.998	323.032	322.894	322.781	322.948	323.211	323.466	323.248	323.072	322.813	322.778	322.824	3
4	322.998	323.030	322.892	322.781	322.962	323.208	323.467	323.260	323.068	322.838	322.772	322.827	4
5	322.996	323.026	322.892	322.785	322.981	323.236	323.478	323.174	323.032	322.830	322.877	322.821	5
6	322.990	323.025	322.884	322.781	322.922	323.243	323.454	323.185	323.044	322.764	322.738	322.818	6
7	322.985	323.018	322.884	322.780	322.978	323.212	323.456	323.174	323.027	322.783	322.738	322.810	7
8	323.000	323.024	322.878	322.758	322.974	323.245	323.510	323.163	323.004	322.807	322.880	322.814	8
9	323.007A	323.018	322.870	322.758	322.986	323.286	323.487	323.190	322.982	322.817	322.884	322.809	9
10	323.004A	323.017	322.861	322.768	322.986	323.277	323.473	323.188	322.987	322.812	323.708	322.811	10
11	323.001	323.018	322.882	322.758	323.012	323.281	323.478	323.186	322.987	322.808	322.936	322.813	11
12	323.012	323.018	322.884	322.793	322.997	323.324	323.482	323.189	322.988	322.798	322.711	322.802	12
13	323.018	323.009	322.861	322.780	322.994	323.348	323.489	323.131	323.044	322.778	322.868	322.800	13
14	323.010	322.999	322.838	322.758	323.008	323.328	323.483	323.141	323.003	322.770	322.862	322.805	14
15	323.013	322.993	322.838	322.765	323.011	323.336	323.484	323.148	323.008	322.739	322.826	322.869	15
16	323.015	322.989	322.837	322.764	323.021	323.346	323.458	323.144	322.987	322.765	322.846	322.889	16
17	323.011	322.986	322.830	322.770	323.047	323.367	323.448	323.165	322.983	322.765	322.852	323.594	17
18	323.018	322.987	322.827	322.773	323.060	323.383	323.419	323.183	323.031	322.773	322.881	322.892	18
19	323.015	322.978	322.817	322.775	323.058	323.380	323.423	323.134	322.934	322.812	322.880	322.890	19
20	323.027	322.970	322.812	322.778	323.078	323.413	323.419	323.107	322.952	322.786	322.830	322.886	20
21	323.030	322.958	322.806	322.781	323.067	323.385	323.404	323.123	322.906	322.773	322.860	322.884	21
22	323.032	322.961	322.792	322.802	323.085	323.380	323.398	323.114	322.906	322.772	322.867	322.883	22
23	323.023	322.955	322.784	322.823	323.083	323.370	323.381	323.128	322.884	322.788	322.856	322.885	23
24	323.020	322.948	322.786	322.838	323.112	323.385	323.386	323.167	322.984	322.786	322.858	322.879	24
25	323.027	322.937	322.778	322.863	323.172	323.388	323.379	323.151	322.837	322.783	322.856	322.885	25
26	323.038	322.933	322.768	322.865	323.102	323.439	323.312	323.121	322.888	322.771	322.848	322.872	26
27	323.036	322.928	322.758	322.872	323.193	323.416	323.253	323.082	322.933	322.847	322.841	322.864	27
28	323.034	322.924	322.768	322.881	323.188	323.421	323.282	323.100	322.942	322.782	322.851	322.851	28
29	323.036		322.770	322.883	323.189	323.442	323.286	323.079	322.886	322.707	322.851	322.868	29
30	323.033		322.778	322.911	323.201	323.443	323.287	323.088	322.880	322.718	322.842	322.857	30
31	323.017		322.778		323.208		323.248	323.030		322.897		322.847	31
MEAN	323.014	322.990	322.833	322.794	323.042	323.328	323.418	323.183	322.986	322.778	322.876	322.885	MEAN
MAX	323.038	323.032	322.921	322.911	323.208	323.443	323.510	323.262	323.072	322.847	322.778	322.840	MAX
MIN	322.985	322.924	322.768	322.764	322.851	323.208	323.248	323.030	322.806	322.897	322.828	322.847	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 322.885
MAXIMUM DAILY, 323.510 ON JUL 6
MINIMUM DAILY, 322.847 ON DEC 31
MAXIMUM INSTANTANEOUS,
323.548 AT 05:45 CST ON JUL 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 43 08 N
LONG 94 48 30 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO LAKE OF THE WOODS DATUM
APPLY -000.177 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1989 ADJ.)

LAKE OF THE WOODS AT CYCLONE ISLAND - STATION NO. 05PD029

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	29.478	29.537	29.423	29.270	29.424	29.712	29.881	29.742	29.638	29.314	29.200	29.138	1
2	29.472	29.541	29.396	29.270	29.432	29.711	29.878	29.730	29.632	29.287	29.201	29.128	2
3	29.473	29.542A	29.406	29.268	29.444	29.708	29.881	29.747	29.583	29.304	29.253	29.127	3
4	29.471	29.542A	29.402	29.288	29.440	29.724	29.889	29.748	29.530	29.310	29.232	29.124	4
5	29.488	29.542	29.388	29.287	29.391	29.731	29.897	29.691	29.518	29.295	29.192	29.120	5
6	29.470	29.541	29.381	29.282	29.485	29.736	30.003	29.692	29.524	29.287	29.221	29.112	6
7	29.471	29.538	29.367	29.285	29.470	29.753	30.022	29.686	29.508	29.280	29.221	29.107	7
8	29.473	29.532	29.368	29.285	29.478	29.758	30.020	29.682	29.488	29.285	29.184	29.107	8
9	29.482	29.526	29.383	29.286	29.483	29.778	30.011	29.685	29.478	29.278	29.185	29.111	9
10	29.488	29.528	29.377	29.288	29.488	29.772	30.007	29.686	29.476	29.282	29.207	29.104	10
11	29.487	29.528	29.367	29.288	29.501	29.780	30.008	29.682	29.483	29.270	29.144	29.100	11
12	29.490	29.526	29.362	29.286	29.497	29.820	30.008	29.678	29.471	29.284	29.198	29.095A	12
13	29.484	29.521	29.364	29.282	29.500	29.813	29.997	29.686	29.498	29.288	29.181	29.091A	13
14	29.500	29.518	29.348	29.258	29.508	29.833	29.985	29.653	29.471	29.282	29.187	29.088	14
15	29.501	29.508	29.337	29.280	29.511	29.833	29.978	29.644	29.478	29.241	29.147	29.088	15
16	29.504	29.508A	29.328	29.281	29.530	29.841	29.975	29.640	29.451	29.249	29.188	29.084	16
17	29.507	29.488	29.325	29.285	29.538	29.851	29.986	29.645	29.472	29.240	29.182	29.080	17
18	29.514	29.486	29.318A	29.270	29.548	29.850	29.982	29.648	29.471	29.240	29.189	29.078A	18
19	29.520	29.492	29.315	29.278	29.557	29.858	29.966	29.636	29.432	29.251	29.172	29.072A	19
20	29.522	29.488	29.309A	29.285	29.574	29.878	29.930	29.620	29.431	29.227	29.154	29.070E	20
21	29.525	29.479	29.303	29.287	29.581	29.881	29.917	29.627	29.423	29.232	29.151	29.068E	21
22	29.527	29.472	29.288	29.317	29.584	29.875	29.906	29.620	29.342	29.226	29.156	29.068A	22
23	29.526	29.486	29.296	29.333	29.588	29.878	29.893	29.623	29.411	29.218	29.152	29.082	23
24	29.531	29.484	29.280	29.361	29.623	29.886	29.879	29.631	29.410	29.218	29.152	29.086	24
25	29.540	29.465	29.279	29.385	29.640	29.904	29.885	29.618	29.388	29.231	29.148	29.083	25
26	29.548	29.448	29.270	29.374	29.627	29.931	29.923	29.588	29.382	29.229	29.148	29.084	26
27	29.548	29.436	29.264	29.382	29.672	29.918	29.904	29.584	29.369	29.264	29.141	29.083	27
28	29.547	29.433	29.274	29.384	29.685	29.938	29.795	29.584	29.351	29.249	29.138	29.080	28
29	29.548		29.272	29.406	29.678	29.948	29.781	29.555	29.351	29.238	29.140	29.044	29
30	29.543		29.276	29.414	29.691	29.954	29.788	29.551	29.362	29.228	29.136	29.043	30
31	29.543		29.272		29.686		29.743	29.541		29.212		29.040	31
MEAN	29.507	29.504	29.336	29.338	29.542	29.829	29.931	29.649	29.482	29.255	29.175	29.085	MEAN
MAX	29.548	29.542	29.423	29.414	29.686	29.954	30.022	29.747	29.583	29.314	29.253	29.136	MAX
MIN	29.488	29.433	29.264	29.258	29.391	29.708	29.743	29.541	29.342	29.212	29.138	29.040	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 29.484
MAXIMUM DAILY, 30.022 ON JUL 7
MINIMUM DAILY, 29.040 ON DEC 31
MAXIMUM INSTANTANEOUS,
30.087 AT 20:03 CST ON JUL 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 19 30 N
LONG 94 50 50 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE OF THE WOODS AT HANSON BAY - STATION NO. 05PD008

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	323.030	323.056	322.938	322.783	322.937	323.241	323.496	323.248	323.062	322.885	322.783	322.686	1
2	323.018	323.052	322.928	322.783	322.945	323.251	323.481	323.235	323.061	322.822	322.748	322.684	2
3	323.026	323.046	322.927	322.795	322.952	323.270	323.489	323.255	323.010	322.882	322.888	322.639	3
4	323.020	323.045	322.924	322.801	322.975	323.249	323.477	323.274	323.058	322.848	322.890	322.648	4
5	323.024	323.047	322.918	322.792	323.023	323.262	323.477	323.260	323.038	322.854	322.774	322.647	5
6	323.028	323.048	322.904	322.780	322.995	323.240	323.539	323.248	323.026	322.886	322.729	322.638	6
7	323.032	323.048	322.892	322.788	322.978	323.233	323.521	323.228	323.008	322.820	322.713	322.629	7
8	323.038	323.042	322.888	322.788	322.981	323.268	323.524	323.208	323.008	322.808	322.780	322.622	8
9	323.028	323.041	322.892	322.785	322.994	323.300	323.534	323.193	323.047	322.828	322.748	322.634	9
10	323.027	323.040	322.890	322.777	322.994	323.296	323.526	323.187	323.006	322.805	322.744	322.628	10
11	323.038	323.038	322.888	322.781	322.995	323.267	323.488	323.183	322.988	322.822	322.837	322.618	11
12	323.038	323.028	322.878	322.776	323.003	323.270	323.502	323.178	323.028	322.825	322.894	322.613	12
13	323.026	323.026	322.878	322.772	323.016	323.288	323.515	323.169	323.021	322.780	322.718	322.615	13
14	323.034	323.023	322.888	322.778	323.020	323.287	323.504	323.162	322.979	322.795	322.889	322.614	14
15	323.034	323.018	322.860	322.770	323.026	323.282	323.503	323.184	322.978	322.781	322.728	322.609	15
16	323.038	323.012	322.856	322.762	323.031	323.262	323.487	323.182	322.972	322.788	322.720	322.605	16
17	323.040	323.008	322.848	322.778	323.038	323.270	323.480	323.134	322.948	322.787	322.711	322.602	17
18	323.044	323.004	322.841	322.782	323.060	323.282	323.463	323.113	322.887	322.798	322.690	322.598	18
19	323.053	323.002	322.838	322.788	323.068	323.288	323.458	323.168	322.871	322.784	322.888	322.594	19
20	323.048	322.994	322.834	322.798	323.108	323.344	323.448	323.187	322.842	322.780	322.708	322.590	20
21	323.048	322.994	322.824	322.808	322.998	323.344	323.438	323.127	322.843	322.788	322.682	322.586	21
22	323.052	322.983	322.815	322.820	323.113	323.415	323.414	323.127	322.893	322.770	322.677	322.581	22
23	323.054	322.988	322.816	322.838	323.128	323.408	323.398	323.108	322.930	322.775	322.678	322.577	23
24	323.062	322.972	322.811	322.881	323.107	323.407	323.377	323.085	322.911	322.784	322.687	322.583	24
25	323.058	322.970	322.801	322.878	323.270	323.423	323.364	323.062	322.944	322.785	322.670	322.588	25
26	323.056	322.983	322.788	322.880	323.231	323.458	323.364	323.110	322.880	322.781	322.688	322.670	26
27	323.057	322.981	322.788	322.903	323.184	323.484	323.328	323.111	322.878	322.801	322.671	322.672	27
28	323.057	322.968	322.804	322.918	323.200	323.411	323.278	323.077	322.908	322.782	322.688	322.688	28
29	323.054		322.800	322.928	323.181	323.418	323.260	323.181	322.878	322.770	322.687	322.681	29
30	323.054		322.808	322.934	323.211	323.471	323.268	323.081	322.888	322.783	322.688	322.687	30
31	323.058		322.788		323.230		323.260	323.084		322.740		322.683	31
MEAN	323.041	323.013	322.857	322.818	323.088	323.343	323.438	323.183	322.978	322.804	322.708	322.905	MEAN
MAX	323.058	323.058	322.938	322.934	323.270	323.471	323.539	323.274	323.062	322.822	322.837	322.686	MAX
MIN	323.018	322.968	322.788	322.778	322.937	323.233	323.260	323.084	322.888	322.740	322.687	322.587	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 322.885
MAXIMUM DAILY, 323.539 ON JUL 8
MINIMUM DAILY, 322.587 ON DEC 30
MAXIMUM INSTANTANEOUS,
323.586 AT 22:23 CST ON JUL 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 07 34 N
LONG 94 17 19 W

REGULATED

WATER LEVELS ARE REFERRED TO LAKE OF THE WOODS DATUM
APPLY -000.177 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1983 ADJ.)

LAKE OF THE WOODS AT KEEWATIN - STATION NO. 05PE014

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	322.834	322.872	322.848	322.703	322.870	323.194	323.296	323.167	322.978	322.780	322.623	322.585	1
2	322.838	322.885	322.843	322.702	322.879	323.128	323.305	323.169	322.868	322.687	322.615	322.573	2
3	322.836	322.871	322.824	322.688	322.890	323.128	323.300	323.172	323.013	322.780	322.718	322.578	3
4	322.834	322.868	322.817	322.689	322.891	323.127	323.306	323.173	323.010	322.784	322.718	322.588	4
5	322.831	322.864	322.816	322.695	322.780	323.187	323.310	323.102	322.979	322.778	322.628	322.580	5
6	322.824	322.863	322.804	322.688	322.889	323.161	323.294	323.073	322.888	322.880	322.889	322.588	6
7	322.817	322.880	322.804	322.687	322.921	323.121	323.333	323.099	322.883	322.733	322.677	322.588	7
8	322.835	322.858	322.802	322.683	322.915	323.161	323.350	323.112	322.881	322.747	322.626	322.548	8
9	322.841	322.854	322.784	322.682	322.928	323.206	323.328	323.133	322.845	322.781	322.608	322.545	9
10	322.838	322.863	322.768	322.694	322.929	323.184	323.310	323.128	322.834	322.783	322.684	322.548	10
11	322.834	322.880	322.777	322.685	322.892	323.193	323.304	323.125	322.825	322.784	322.601	322.553	11
12	322.848	322.851	322.780	322.687	322.941	323.214	323.317	323.128	322.817	322.748	322.580	322.548	12
13	322.852	322.839	322.778	322.688	322.938	323.148	323.308	323.061	322.888	322.718	322.611	322.544	13
14	322.845	322.838	322.787	322.684	322.880	323.241	323.303	323.074	322.849	322.708	322.636	322.539	14
15	322.847	322.822	322.788	322.692	322.887	323.288	323.288	323.088	322.881	322.871	322.573	322.544	15
16	322.848	322.819	322.784	322.681	322.885	323.285	323.298	323.083	322.888	322.881	322.580	322.543	16
17	322.844	322.813	322.788	322.694	322.882	323.274	323.287	323.093	322.836	322.703	322.599	322.538	17
18	322.852	322.818	322.782	322.698	323.008	323.278	323.268	323.121	322.877	322.711	322.636	322.537	18
19	322.847	322.807	322.742	322.699	323.004	323.261	323.261	323.083	322.880	323.784	322.637	322.538	19
20	322.868	322.800	322.739	322.703	323.028	323.330	323.264	323.049	322.893	322.703	322.676	322.533	20
21	322.881	322.890	322.733	322.718	323.032	323.287	323.244	323.073	322.883	322.708	322.802	322.521	21
22	322.867	322.886	322.721	322.728	323.030	323.261	323.238	323.083	322.784	322.710	322.610	322.524	22
23	322.858	322.882	322.713	322.746	323.037	323.268	323.230	323.084	322.823	322.887	322.586	322.524	23
24	322.865	322.872	322.720	322.787	323.048	323.261	323.227	323.088	322.838	322.884	322.589	322.518	24
25	322.880	322.867	322.712	322.783	323.131	323.261	323.226	323.081	322.748	322.702	322.602	322.508	25
26	322.874	322.888	322.888	322.784	323.043	323.324	323.204A	323.085	322.834	322.709	322.892	322.511	26
27	322.877	322.884	322.889	322.801	323.121	323.276	323.180E	323.026	322.877	322.703	322.885	322.505	27
28	322.861	322.851	322.887	322.824	323.085	323.268	323.178E	323.035	322.781	322.710	322.884	322.481	28
29	322.878		322.889	322.828	323.085	323.262	323.187E	323.031	322.800	322.651	322.888	322.488	29
30	322.877		322.708	322.848	323.127	323.262	323.184E	322.987	322.822	322.856	322.887	322.488	30
31	322.880		322.710		323.134		323.182A	322.888		322.831		322.483	31
MEAN	322.850	322.823	322.780	322.722	322.883	323.226	323.265	323.088	322.813	322.718	322.820	322.538	MEAN
MAX	322.881	322.872	322.848	322.848	323.134	323.330	323.350	323.173	323.013	322.783	322.718	322.585	MAX
MIN	322.817	322.851	322.888	322.881	322.780	323.121	323.182	322.888	322.784	322.831	322.573	322.481	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 322.892
MAXIMUM DAILY, 323.350 ON JUL 8
MINIMUM DAILY, 322.481 ON DEC 28
MAXIMUM INSTANTANEOUS,
323.383 AT 04:55 CST ON JUL 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 45 50 N
LONG 94 33 15 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO LAKE OF THE WOODS DATUM
APPLY -000.177 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1969 ADJ.)

LAKE OF THE WOODS AT WARROAD - STATION NO. 05PD001

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	323.084	323.082	322.972	322.835	322.984	323.228	323.521	323.250	323.112	322.911	322.788	322.692	1
2	323.081	323.085	322.969	322.826	322.987	323.277	323.503	323.253	323.097	322.889	322.789	322.686	2
3	323.084	323.078	322.988	322.838	323.000	323.277	323.498	323.304	323.088	322.844	322.744	322.888	3
4	323.084	323.082	322.980	322.829	323.003	323.304	323.521	323.258	323.021	322.835	322.753	322.888	4
5	323.084	323.078	322.981	322.823	323.106	323.288	323.583	323.285	323.081	322.832	322.756	322.877	5
6	323.088	323.076	322.954	322.820	323.088	323.338	323.585	323.283	323.084	322.841	322.747	322.873	6
7	323.087	323.073	322.948	322.823	323.033	323.521	323.570	323.258	323.000	322.888	322.747	322.877	7
8	323.088	323.070	322.942	322.817	323.038	323.380	323.564	323.237	322.880	322.858	322.744	322.883	8
9	323.086	323.070	322.942	322.814	323.042	323.338	323.583	323.243	323.003	322.801	322.788	322.877	9
10	323.081	323.084	322.933	322.817	323.084	323.338	323.570	323.240	323.033	322.828	322.701	322.873	10
11	323.087	323.088	322.923	322.817	323.038	323.341	323.587	323.234	323.048	322.801	322.648	322.870	11
12	323.088	323.081	322.917	322.817	323.081	323.402	323.570	323.218	323.024	322.783	322.744	322.877	12
13	323.084	323.084	322.905	322.817	323.084	323.812	323.560	323.280	322.920	322.885	322.782	322.884	13
14	323.081	323.081	322.902	322.811	323.084	323.388	323.545	323.250	322.978	322.844	322.763	322.881	14
15	323.084	323.081	322.899	322.826	323.087	323.383	323.530	323.207	322.888	322.902	322.782	322.882	15
16	323.070	323.045	322.867	322.828	323.070	323.402	323.527	323.201	323.015	322.886	322.731	322.885	16
17	323.078	323.038	322.844	322.826	323.084	323.383	323.515	323.182	322.984	322.838	322.726	322.848	17
18	323.072	323.033	322.878	322.823	323.084	323.380	323.530	323.178	322.930	322.814	322.710	322.848	18
19	323.078	323.027	322.878	322.838	323.103	323.408	323.498	323.178	322.987	322.782	322.707	322.843	19
20	323.088	323.027	322.862	322.853	323.088	323.383	323.481	323.178	322.980	322.811	322.718	322.840	20
21	323.088	323.018	322.858	322.885	323.131	323.435	323.475	323.188	323.008	322.814	322.728	322.840	21
22	323.085	323.018	322.862	322.880	323.148	323.438	323.454	323.188	323.000	322.801	322.704	322.840	22
23	323.082	323.018	322.858	322.889	323.185	323.445	323.426	323.178	322.857	322.808	322.713	322.840	23
24	323.088	323.008	322.844	322.908	323.204	323.454	323.405	323.145	322.828	322.814	322.722	322.840	24
25	323.081	322.984	322.844	322.917	323.087	323.480	323.388	323.128	322.823	322.801	322.704	322.840	25
26	323.085	322.980	322.838	322.933	323.218	323.435	323.371	323.125	322.830	322.795	322.718	322.837	26
27	323.088	322.984	322.828	322.954	323.201	323.488	323.402	323.122	322.888	322.825	322.704	322.828	27
28	323.078	322.978	322.844	322.980	323.282	323.542	323.388	323.131	322.902	322.774	322.701	322.825	28
29	323.088		322.847	322.978	323.304	323.533	323.344	323.006	322.920	322.811	322.692	322.818	29
30	323.088		322.838	322.976	323.263	323.524	323.314	323.122	322.888	322.808	322.885	322.818	30
31	323.081		322.835		323.263		323.282	323.184		322.835		322.803	31
MEAN	323.073	323.044	322.888	322.889	323.104	323.406	323.484	323.201	322.985	322.822	322.728	322.855	MEAN
MAX	323.081	323.085	322.972	322.976	323.304	323.812	323.587	323.304	323.112	322.911	322.788	322.888	MAX
MIN	323.084	322.978	322.828	322.811	322.984	323.228	323.282	323.008	322.828	322.828	322.648	322.803	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 323.023
MAXIMUM DAILY, 323.812 ON JUN 13
MINIMUM DAILY, 322.803 ON DEC 31
MAXIMUM INSTANTANEOUS,
323.813 AT 20:00 CST ON JUL 5

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 54 20 N
LONG 95 18 00 W

REGULATED

WATER LEVELS ARE REFERRED TO LAKE OF THE WOODS DATUM

REMARKS - RUNOFF CONDITIONS OF THE WARROAD RIVER CAN AFFECT WATER LEVELS AT THIS STATION

LAKE OF THE WOODS EASTERN OUTLET AT KENORA POWERHOUSE - STATION NO. 05PE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	152	153	148	148	148	151	116	143	135	80.4	77.8	81.1	1
2	152	152	148	148	150	153	132	148	135	77.7	77.9	84.0	2
3	152	152	148	148	150	152	132	148	135	78.2	78.2	84.2	3
4	152	152	147	148	150	151	131	148	136	78.8	78.8	84.4	4
5	152	152	147	147	149	152	131	148	136	78.8	78.4	84.2	5
6	152	152	147	148	150	152	130	148	138	78.2	78.4	84.1	6
7	152	152	148	148	151	151	130	148	138	78.3	78.2	84.1	7
8	152	151	148	148	151	152	130	151	122	78.4	77.8	84.0	8
9	152	151	147	148	151	152	130	151	110	78.8	77.8	83.8	9
10	152	151	147	148	152	151	130	155	110	78.8	78.0	83.8	10
11	152	151	147	148	152	151	130	155	110	78.8	77.8	83.8	11
12	152	151	147	148	152	150	130	155	108	78.4	78.4	83.8	12
13	152	150	148	148	152	148	130	154	108	78.7	78.0	84.2	13
14	152	150	147	148	152	150	130	154	112	78.8	78.0	83.8	14
15	152	150	147	148	153	151	130	154	112	78.8	78.1	83.7	15
16	152	149	147	148	151	151	130	154	112	78.8	77.8	83.7	16
17	152	149	147	148	144	151	130	154	112	78.8	77.8	83.7	17
18	152	149	147	148	152	151	130	154	113	78.0	77.7	83.7	18
19	152	148	147	148	152	151	130	154	111	78.0	78.1	83.8	19
20	152	148	134	148	153	152	131	153	111	78.4	78.4	83.8	20
21	153	148	147	148	153	151	131	154	111	78.2	77.8	83.8	21
22	153	148	147	148	153	147	131	154	110	78.8	77.8	83.8	22
23	152	148	148	146	153	146	132	154	111	78.8	77.8	87.0	23
24	153	148	147	148	153	148	132	147	112	78.7	77.7	87.0	24
25	152	148	148	148	154	145	132	138	110	78.8	77.8	88.8	25
26	153	148	148	148	153	145	132	138	110	78.8	77.4	88.2	26
27	153	148	148	148	153	140	132	141	111	78.8	78.1	88.8	27
28	153	148	148	147	152	137	134	141	110	78.8	77.8	88.7	28
29	153		148	147	152	136	137	141	80.2	79.0	77.8	88.4	29
30	153		148	148	150	133	138	141	80.6	78.8	77.4	88.8	30
31	152		148		149		141	140		78.4	77.3	88.7	31
										78.2		88.4	
TOTAL	4 720	4 302	4 540	4 374	4 892	4 449	4 085	4 621	3 454.7	2 481.0	2 328.0	2 850.1	TOTAL
MEAN	152	150	146	146	151	148	131	149	118	79.1	77.8	85.5	MEAN
MAX	153	153	148	148	154	153	141	155	136	80.6	78.6	87.0	MAX
MIN	152	148	134	148	144	133	116	138	80.6	77.7	77.3	81.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 128
MAXIMUM DAILY, 155 ON AUG 10
MINIMUM DAILY, 77.3 ON NOV 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 46 20 N
LONG 94 30 10 W

REGULATED SINCE 1907

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	408 000	JUL	351 000
FEB	383 000	AUG	399 000
MAR	392 000	SEP	298 000
APR	378 000	OCT	212 000
MAY	405 000	NOV	202 000
JUN	384 000	DEC	229 000

TOTAL DISCHARGE, 4 030 000 dam³

REMARKS - THIS STATION IS ONE OF FOUR OUTLETS FROM LAKE OF THE WOODS

LAKE OF THE WOODS OUTLET AT MINK CREEK - STATION NO. 05PE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.86	3.88	3.88	3.48	3.81	3.82	3.82	3.83	3.88	3.81	3.38	3.38	1
2	3.86	3.88	3.88	3.48	3.81	3.80	3.82	3.83	3.70	3.45	3.38	3.38	2
3	3.86	3.88	3.87	3.48	3.82	3.80	3.82	3.83	3.72	3.81	3.48	3.38	3
4	3.86	3.88	3.88	3.48	3.82	3.80	3.82	3.83	3.72	3.84	3.47	3.34	4
5	3.86	3.88	3.88	3.48	3.83	3.82	3.83	3.78	3.88	3.83	3.40	3.33	5
6	3.85	3.88	3.85	3.48	3.80	3.82	3.82	3.78	3.70	3.48	3.43	3.33	6
7	3.84	3.88	3.85	3.48	3.85	3.78	3.82	3.78	3.70	3.48	3.44	3.33	7
8	3.86	3.88	3.85	3.44	3.84	3.82	3.86	3.78	3.88	3.80	3.38	3.32	8
9	3.86	3.87	3.84	3.44	3.85	3.84	3.84	3.80	3.87	3.81	3.38	3.32	9
10	3.86	3.87	3.84	3.48	3.86	3.86	3.83	3.80	3.88	3.81	3.42	3.32	10
11	3.88	3.87	3.83	3.48	3.87	3.84	3.82	3.80	3.88	3.81	3.37	3.33	11
12	3.87	3.87	3.83	3.48	3.88	3.86	3.83	3.80	3.84	3.80	3.42	3.32	12
13	3.87	3.86	3.83	3.48	3.88	3.81	3.83	3.78	3.71	3.47	3.36	3.32	13
14	3.87	3.88	3.82	3.48	3.87	3.88	3.82	3.78	3.87	3.47	3.38	3.32	14
15	3.87	3.88	3.82	3.48	3.88	3.88	3.82	3.77	3.87	3.43	3.35	3.32	15
16	3.87	3.88	3.82	3.44	3.88	3.90	3.82	3.77	3.83	3.48	3.38	3.32	16
17	3.87	3.84	3.81	3.48	3.70	3.80	3.81	3.78	3.88	3.48	3.37	3.31	17
18	3.87	3.84	3.81	3.48	3.72	3.80	3.88	3.78	3.88	3.47	3.40	3.31	18
19	3.87	3.84	3.80	3.48	3.71	3.81	3.88	3.77	3.81	3.81	3.40	3.31	19
20	3.88	3.83	3.80	3.48	3.73	3.84	3.88	3.74	3.82	3.48	3.38	3.31	20
21	3.88	3.82	3.48	3.47	3.73	3.82	3.88	3.78	3.88	3.47	3.37	3.31	21
22	3.88	3.82	3.48	3.48	3.73	3.88	3.84	3.78	3.81	3.47	3.36	3.30	22
23	3.88	3.82	3.47	3.50	3.74	3.80	3.87	3.78	3.87	3.48	3.37	3.30	23
24	3.87	3.81	3.48	3.52	3.74	3.81	3.87	3.78	3.88	3.48	3.37	3.30	24
25	3.88	3.80	3.47	3.53	3.80	3.81	3.87	3.77	3.84	3.48	3.37	3.28	25
26	3.88	3.80	3.48	3.86	3.74	3.84	3.88A	3.78	3.88	3.47	3.38	3.28	26
27	3.88	3.88	3.48	3.88	3.78	3.80	3.84E	3.73	3.81	3.84	3.38	3.28	27
28	3.88	3.88	3.48	3.87	3.77	3.88	3.83E	3.73	3.84	3.47	3.38	3.27	28
29	3.88		3.48	3.87	3.77	3.81	3.83E	3.73	3.85	3.48	3.37	3.28	29
30	3.88		3.47	3.88	3.80	3.81	3.82E	3.71	3.87	3.48	3.38	3.28	30
31	3.88		3.47		3.80		3.82A	3.88		3.40		3.27	31
TOTAL	113.78	102.18	108.82	104.38	116.47	116.08	120.78	116.81	109.20	107.78	101.84	102.88	TOTAL
MEAN	3.67	3.88	3.51	3.48	3.88	3.87	3.90	3.77	3.84	3.48	3.38	3.31	MEAN
MAX	3.88	3.88	3.88	3.88	3.88	3.84	3.88	3.83	3.72	3.84	3.48	3.38	MAX
MIN	3.84	3.88	3.48	3.44	3.83	3.78	3.82	3.88	3.81	3.40	3.38	3.27	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.81
MAXIMUM DAILY, 3.88 ON JUL 8
MINIMUM DAILY, 3.27 ON DEC 28
MAXIMUM INSTANTANEOUS,
3.97 AT 04:55 CST ON JUL 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 48 44 N
LONG 94 33 38 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1900

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 830	JUL	10 400
FEB	8 830	AUG	10 100
MAR	9 410	SEP	8 430
APR	9 020	OCT	8 310
MAY	9 880	NOV	8 780
JUN	10 000	DEC	8 870

TOTAL DISCHARGE, 114 000 dam³

REMARKS - THIS IS ONE OF FOUR OUTLETS FROM LAKE OF THE WOODS

LAKE OF THE WOODS WESTERN OUTLET AT NORMAN DAM AND POWERHOUSE - STATION NO. 05PE011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	288	283	407	390	323	380	1 080	823	287	285	245	234	1
2	287	321	406	390	289	411	1 080	588	288	283	242	281	2
3	286	321	404	388	284	448	1 080	588	288	288	243	283	3
4	287	321	404	388	284	444	1 110	558	288	286	182	282	4
5	286	320	404	387	282	448	1 130	550	288	288	181	282	5
6	288	320	401	387	284	448	1 120	548	288	284	243	281	6
7	288	320	403	387	288	442	1 130	550	288	285	243	281	7
8	288	348	402	388	288	447	1 140	441	288	285	241	281	8
9	287	388	401	388	288	484	1 140	314	288	286	241	281	9
10	287	388	401	388	287	539	1 120	318	288	285	242	281	10
11	288	388	399	387	288	538	1 120	318	288	286	181	281	11
12	287	388	400	388	288	538	1 120	318	288	287	182	281	12
13	287	387	400	388	288	539	1 120	318	270	217	237	281	13
14	288	387	398	388	288	542	1 080	315	288	217	242	281	14
15	287	391	397	388	288	548	1 080	314	288	218	241	280	15
16	288	418	398	387	288	547	1 080	314	288	217	241	281	16
17	288	418	398	388	288	548	1 060	314	288	217	241	281	17
18	288	418	398	388	288	548	1 030	308	270	218	181	281	18
19	288	414	395	390	288	548	1 030	287	288	218	182	281	19
20	288	412	394	390	288	557	1 030	286	288	218	241	281	20
21	288	411	394	392	288	638	1 010	287	287	217	241	281	21
22	288	411	392	392	288	747	995	287	288	217	242	282	22
23	288	410	391	393	288	748	998	287	288	218	241	282	23
24	288	408	392	396	288	750	994	288	288	231	242	282	24
25	288	408	391	398	288	749	990	288	288	241	181	281	25
26	288	408	389	398	310	685	972	288	288	247	181	281	26
27	288	408	387	397	377	1 030	940	288	287	248	234	281	27
28	288	407	388	382	374	1 080	897	287	288	183	241	281	28
29	288		388	388	373	1 080	781	287	288	182	241	282	29
30	288		388	380	376	1 080	738	288	288	247	241	281	30
31	288		389		378		718	288		248		281	31
TOTAL	8 927	10 804	12 284	11 832	8 933	18 721	31 811	11 387	8 031	7 338	6 697	8 670	TOTAL
MEAN	287	375	397	387	288	624	1 030	368	288	237	220	280	MEAN
MAX	288	418	407	398	378	1 080	1 140	823	270	288	245	282	MAX
MIN	286	283	387	380	282	380	718	286	285	183	181	234	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 384
MAXIMUM DAILY, 1 140 ON JUL 6
MINIMUM DAILY, 181 ON NOV 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 15 N
LONG 94 31 25 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	715 000	JUL	2 760 000
FEB	906 000	AUG	885 000
MAR	1 060 000	SEP	804 000
APR	1 000 000	OCT	834 000
MAY	771 000	NOV	670 000
JUN	1 620 000	DEC	867 000

TOTAL DISCHARGE, 12 400 000 dam³

REGULATED

REMARKS - THIS STATION IS ONE OF FOUR OUTLETS FROM LAKE OF THE WOODS

LAKE ONTARIO AT BURLINGTON - STATION NO. 02HB017

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	74.34	74.36	74.33	74.40	74.74	75.08	75.22	75.02	74.83	74.70	74.62	74.59	1
2	74.35	74.40	74.35	74.48	74.73	75.07	75.21	74.99	74.84	74.68	74.58	74.58	2
3	74.34	74.38	74.40	74.48	74.74	75.09	75.21	74.99	74.84	74.62	74.58	74.49	3
4	74.30	74.40	74.38	74.50	74.76	75.07	75.20	74.98	74.85	74.60	74.59	74.55	4
5	74.37	74.38	74.31	74.53	74.81	75.08	75.21	75.01	74.82	74.63	74.58	74.54	5
6	74.37	74.38	74.31	74.53	74.77	75.10	75.20	74.99	74.82	74.62	74.63	74.50	6
7	74.35	74.34	74.38	74.54	74.78	75.11	75.18	74.96	74.83	74.60	74.58	74.50	7
8	74.32	74.38	74.38	74.57	74.82	75.11	75.20	74.97	74.83	74.62	74.55	74.53	8
9	74.38	74.31	74.33	74.57	74.86	75.12	75.18	74.98	74.83	74.62	74.53	74.54	9
10	74.33	74.30	---	74.58	74.87	75.08	75.14	74.98	74.79	74.64	74.58	74.48	10
11	74.38	74.31	---	74.61	74.88	75.10	75.16	74.98	74.80	74.61	74.61	74.53	11
12	74.30	74.31	---	74.62	74.81	75.13	75.16	74.97	74.79	74.62	74.62	74.52	12
13	74.28	74.40	---	74.62	74.93	75.13	75.14	74.98	74.79	74.60	74.58	74.49	13
14	74.34	---	---	74.67	74.94	75.14	75.13	74.98	74.77	74.64	74.58	74.52	14
15	74.30	---	74.28	74.66	74.98	75.15	75.13	74.98	74.78	74.63	74.60	74.54	15
16	74.31	74.33	74.28	74.67	74.98	75.15	75.12	74.94	74.80	74.61	74.47	74.43	16
17	74.30	74.38	74.37	74.67	74.98	75.15	75.13	74.95	74.79	74.60	74.48	74.48	17
18	74.38	74.35	74.38	74.68	74.98	75.17	75.11	74.95	74.79	74.60	74.52	74.48	18
19	74.32	74.31	74.31	74.68	74.98	75.15	75.10	74.94	74.78	74.70	74.54	74.48	19
20	74.29	74.34	74.34	74.71	75.00	75.20	75.08	74.93	74.76	---	74.60	74.41	20
21	74.34	74.33	74.30	74.69	74.97	75.21	75.12	74.91	74.76	---	74.56	74.45	21
22	74.32	74.33	74.33	74.70	74.89	75.23	75.10	74.91	74.77	---	74.58	74.47	22
23	74.35	74.32	74.35	74.70	75.01	75.23	75.10	74.89	74.69	---	74.58	74.48	23
24	74.37	74.34	74.35	74.69	75.01	75.23	75.08	74.91	74.73	---	74.57	74.43	24
25	74.39	74.34	74.33	74.71	75.02	75.23	75.08	74.88	74.73	74.81	74.58	74.42	25
26	74.31	74.34	74.28	74.72	75.03	75.23	75.06	74.89	74.89	74.81	74.58	74.39	26
27	74.32	74.32	74.35	74.72	75.00	75.22	75.04	74.90	74.71	74.80	74.61	74.45	27
28	74.34	74.34	74.36	74.73	75.02	75.21	75.04	74.88	74.70	74.80	74.60	74.43	28
29	74.38		74.37	74.73	75.03	75.22	75.03	74.88	74.88	74.80	74.58	74.51	29
30	74.34		74.38	74.73	75.03	75.22	75.03	74.82	74.88	74.80	74.60	74.50	30
31	74.38		74.38		75.08		75.04	74.85		74.85		74.48	31
MEAN	74.33	---	---	74.63	74.92	75.15	75.13	74.94	74.78	---	74.58	74.49	MEAN
MAX	74.39	---	---	74.73	75.08	75.23	75.22	75.02	74.85	---	74.61	74.58	MAX
MIN	74.32	---	---	74.60	74.73	75.08	75.03	74.82	74.88	---	74.47	74.39	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MAXIMUM INSTANTANEOUS,
75.26 AT 23:15 EST ON JUN 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 17 58 N
LONG 79 47 34 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 13160 BURLINGTON

LAKE ONTARIO AT COBOURG - STATION NO. 02HD015

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	74.31	74.32	74.33	74.37	74.67	74.89	75.14	74.85	74.78	74.63	74.48	74.48	1
2	74.28	74.33	74.33	74.38	74.88	75.01	75.14	74.85	74.77	74.64	74.49	74.51	2
3	74.26	74.31	74.34	74.41	74.88	75.02	75.14	74.83	74.77	74.60	74.49	74.48	3
4	74.26	74.32	74.37	74.44	74.70	75.02	75.13	74.84	74.77	74.55	74.51	74.49	4
5	74.29	74.31	74.37	74.48	74.73	75.02	75.13	74.85	74.77	74.55	74.51	74.47	5
6	74.31	74.32	74.34	74.48	74.74	75.02	75.13	74.85	74.77	74.57	74.50	74.45	6
7	74.32	74.31	74.35	74.48	74.75	75.03	75.13	74.83	74.77	74.57	74.49	74.43	7
8	74.27	74.27	74.28	74.50	74.75	75.04	75.11	74.82	74.77	74.58	74.51	74.48	8
9	74.24	74.26	74.26	74.52	74.79	75.05	75.10	74.82	74.76	74.58	74.51	74.47	9
10	74.27	74.27	74.24	74.53	74.81	75.05	75.08	74.83	74.74	74.59	74.49	74.48	10
11	74.26	74.26	74.23	74.54	74.82	75.03	75.08	74.84	74.74	74.58	74.48	74.44	11
12	74.30	74.25	74.23	74.56	74.85	75.04	75.08	74.85	74.71	74.57	74.45	74.45	12
13	74.27	74.32	74.24	74.58	74.86	75.05	75.08	74.84	74.72	74.55	74.48	74.45	13
14	74.27	74.32	74.23	74.59	74.87	75.06	75.08	74.83	74.71	74.59	74.50	74.44	14
15	74.27	74.31	74.23	74.60	74.88	75.07	75.07	74.81	74.72	74.58	74.52	74.48	15
16	74.28	74.28	74.22	74.61	74.89	75.06	75.08	74.88	74.71	74.57	74.50	74.43	16
17	74.27	74.28	74.28	74.61	74.90	75.09	75.06	74.87	74.71	74.58	74.48	74.43	17
18	74.28	74.29	74.26	74.62	74.91	75.09	75.08	74.87	74.70	74.58	74.48	74.41	18
19	74.28	74.27	74.27	74.62	74.92	75.09	75.08	74.88	74.70	74.57	74.48	74.42	19
20	74.28	74.27	74.27	74.63	74.93	75.12	75.08	74.88	74.69	74.57	74.48	74.41	20
21	74.29	74.28	74.28	74.64	74.93	75.14	75.08	74.84	74.69	74.54	74.50	74.38	21
22	74.27	74.28	74.28	74.64	74.93	75.15	75.06	74.83	74.69	74.51	74.52	74.40	22
23	74.29	74.28	74.27	74.64	74.93	75.15	75.03	74.83	74.65	74.52	74.53	74.42	23
24	74.31	74.27	74.29	74.64	74.94	75.15	75.02	74.83	74.83	74.53	74.53	74.41	24
25	74.32	74.27	74.29	74.66	74.95	75.15	75.01	74.84	74.65	74.54	74.53	74.38	25
26	74.31	74.26	74.28	74.66	74.98	75.19	74.98	74.83	74.84	74.54	74.53	74.36	26
27	74.29	74.27	74.28	74.67	74.98	75.16	74.99	74.81	74.84	74.53	74.53	74.38	27
28	74.30	74.26	74.30	74.67	74.95	75.15	74.97	74.81	74.84	74.52	74.50	74.40	28
29	74.30		74.31	74.67	74.95	75.15	74.97	74.81	74.83	74.52	74.50	74.40	29
30	74.32		74.34	74.66	74.97	75.14	74.98	74.78	74.83	74.52	74.48	74.41	30
31	74.31		74.36		74.98		74.99	74.75		74.53		74.41	31
MEAN	74.29	74.29	74.28	74.57	74.88	75.09	75.09	74.84	74.71	74.58	74.50	74.43	MEAN
MAX	74.32	74.33	74.36	74.66	74.98	75.19	75.14	74.88	74.77	74.64	74.53	74.51	MAX
MIN	74.24	74.26	74.22	74.37	74.67	74.89	74.97	74.75	74.63	74.51	74.48	74.34	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1989

MEAN, 74.63
MAXIMUM DAILY, 75.19 ON JUN 23
MINIMUM DAILY, 74.22 ON MAR 16
MAXIMUM INSTANTANEOUS,
75.21 AT 15:45 EST ON JUN 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 57 28 N
LONG 78 09 54 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 13380 COBOURG

LAKE ONTARIO AT KINGSTON - STATION NO. 02HM003

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	74.20	74.26	74.28	74.33	74.62	74.88	75.10	74.81	74.77	74.59	74.81	74.45	1
2	74.26	74.20	74.21	74.33	74.65	74.87	75.10	74.81	74.78	74.60	74.48	74.48	2
3	74.19	74.26	74.18	74.35	74.68	74.87	75.09	74.82	74.74	74.60	74.48	74.43	3
4	74.22	74.28	74.18	74.37	74.65	74.88	75.08	74.81	74.73	74.59	74.44	74.41	4
5	74.20	74.26	74.18	74.40	74.88	74.87	75.08	74.83	74.75	74.59	74.47	74.42	5
6	74.17	74.30	74.18	74.42	74.88	74.87	75.08	74.85	74.72	74.60	74.48	74.45	6
7	74.23	74.30	74.12	74.46	74.77	74.87	75.07	74.82	74.70	74.59	74.43	74.40	7
8	74.36	74.35	74.18	74.48	74.76	74.87	75.08	74.82	74.70	74.58	74.43	74.38	8
9	74.27	74.29	74.18	74.48	74.73	74.87	75.08	74.82	74.88	74.54	74.50	74.40	9
10	74.29	74.32	74.17	74.50	74.73	75.03	75.07	74.81	74.70	74.54	74.48	74.43	10
11	74.20	74.30	74.17	74.50	74.73	75.03	75.08	74.88	74.88	74.58	74.53	74.37	11
12	74.31	74.29	74.16	74.50	74.77	75.00	75.05	74.87	74.88	74.54	74.47	74.37	12
13	74.38	74.27	74.17	74.54	74.78	75.00	75.04	74.88	74.85	74.53	74.47	74.37	13
14	74.26	74.28	74.17	74.52	74.80	75.00	75.03	74.85	74.82	74.49	74.48	74.37	14
15	74.28	74.26	74.32	74.55	74.81	75.00	75.02	74.85	74.84	74.50	74.48	74.33	15
16	74.28	74.26	74.18	74.58	74.83	75.00	75.00	74.88	74.81	74.50	74.58	74.41	16
17	74.30	74.23	74.16	74.58	74.85	75.03	75.00	74.83	74.82	74.41	74.55	74.40	17
18	74.24	74.23	74.20	74.57	74.85	75.04	74.98	74.81	74.82	74.44	74.52	74.42	18
19	74.27	74.26	74.22	74.58	74.85	75.03	74.98	74.82	74.81	74.38	74.52	74.40	19
20	74.28	74.22	74.21	74.59	74.88	75.04	74.96	74.83	74.83	74.48	74.54	74.42	20
21	74.24	74.23	74.23	74.59	74.90	75.06	74.95	74.83	74.80	74.52	74.47	74.36	21
22	74.27	74.23	74.22	74.58	74.88	75.07	74.95	74.80	74.83	74.50	74.48	74.37	22
23	74.25	74.19	74.20	74.60	74.88	75.08	74.95	74.80	74.87	74.48	74.48	74.37	23
24	74.23	74.20	74.20	74.62	74.88	75.10	74.95	74.77	74.83	74.49	74.48	74.40	24
25	74.19	74.20	74.22	74.60	74.88	75.10	74.95	74.78	74.88	74.48	74.51	74.40	25
26	74.30	74.19	74.21	74.61	74.90	75.10	74.95	74.79	74.83	74.48	74.50	74.40	26
27	74.27	74.22	74.23	74.60	74.92	75.11	74.94	74.74	74.81	74.48	74.48	74.36	27
28	74.28	74.21	74.26	74.60	74.92	75.11	74.92	74.74	74.83	74.47	74.55	74.38	28
29	74.27		74.23	74.59	74.81	75.11	74.92	74.76	74.82	74.47	74.48	74.30	29
30	74.28		74.24	74.62	74.81	75.11	74.92	74.75	74.88	74.48	74.50	74.30	30
31	74.26		74.28		74.83		74.91	74.73		74.47		74.36	31
MEAN	74.26	74.25	74.20	74.52	74.81	75.03	75.01	74.84	74.68	74.51	74.49	74.38	MEAN
MAX	74.36	74.35	74.28	74.62	74.93	75.11	75.10	74.85	74.77	74.60	74.55	74.49	MAX
MIN	74.17	74.19	74.12	74.33	74.62	74.88	74.91	74.73	74.68	74.39	74.43	74.30	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1989

MEAN, 74.58
MAXIMUM DAILY, 75.11 ON JUN 27
MINIMUM DAILY, 74.12 ON MAR 7
MAXIMUM INSTANTANEOUS,
75.14 AT 08:45 EST ON JUN 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 13 03 N
LONG 76 31 03 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 13888 KINGSTON

LAKE ONTARIO AT PORT WELLER - STATION NO. 02HA018

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	74.32	74.32	74.30	74.38	74.88	74.98	75.15	74.95	74.78	74.64	74.50	74.53	1
2	74.35	74.35	74.25	74.40	74.87	75.01	75.14	74.98	74.78	74.63	74.52	74.51	2
3	74.31	74.30	74.28	74.43	74.88	75.02	75.14	74.94	74.77	74.60	74.51	74.47	3
4	74.28	74.33	74.28	74.45	74.92	75.02	75.13	74.95	74.78	74.58	74.53	74.49	4
5	74.31	74.32	74.28	74.46	74.74	75.03	75.14	74.95	74.76	74.59	74.52	74.48	5
6	74.34	74.31	74.27	74.48	74.72	75.03	75.13	74.94	74.75	74.58	74.49	74.49	6
7	74.31	74.30	74.28	74.48	74.72	75.04	75.12	74.94	74.76	74.58	74.52	74.47	7
8	74.31	74.25	74.28	74.51	74.77	75.04	75.12	74.93	74.75	74.57	74.53	74.48	8
9	74.25	74.29	74.25	74.52	74.80	75.05	75.11	74.93	74.75	74.58	74.50	74.48	9
10	74.28	74.27	74.25	74.52	74.80	75.03	75.09	74.92	74.74	74.58	74.50	74.44	10
11	74.30	74.27	74.25	74.55	74.81	75.05	75.09	74.91	74.73	74.58	74.48	74.47	11
12	74.27	74.28	74.24	74.54	74.84	75.07	75.08	74.90	74.73	74.58	74.48	74.47	12
13	74.28	74.32	74.24	74.58	74.87	75.08	75.07	74.89	74.72	74.54	74.51	74.47	13
14	74.28	74.28	74.24	74.58	74.88	75.07	75.08	74.88	74.72	74.56	74.51	74.47	14
15	74.28	74.30	74.21	74.58	74.88	75.07	75.08	74.89	74.72	74.57	74.53	74.50	15
16	74.27	74.26	74.23	74.60	74.89	75.07	75.08	74.87	74.73	74.58	74.45	74.42	16
17	74.25	74.28	74.27	74.61	74.90	75.10	75.04	74.88	74.72	74.58	74.47	74.43	17
18	74.30	74.28	74.28	74.62	74.81	75.10	75.04	74.87	74.72	74.58	74.48	74.43	18
19	74.28	74.28	74.25	74.62	74.83	75.11	75.04	74.87	74.72	74.60	74.50	74.48	19
20	74.27	74.28	74.28	74.64	74.84	75.13	75.04	74.88	74.70	74.58	74.49	74.38	20
21	74.28	74.28	74.28	74.63	74.93	75.14	75.03	74.86	74.71	74.56	74.52	74.41	21
22	74.28	74.27	74.28	74.64	74.93	75.16	75.03	74.85	74.71	74.53	74.55	74.43	22
23	74.28	74.29	74.28	74.64	74.85	75.16	75.03	74.83	74.68	74.58	74.53	74.43	23
24	74.30	74.28	74.31	74.64	74.83	75.16	75.03	74.84	74.69	74.55	74.52	74.38	24
25	74.34	74.28	74.29	74.68	74.88	75.17	75.01	74.83	74.67	74.55	74.53	74.38	25
26	74.29	74.29	74.30	74.65	74.88	75.18	75.00	74.82	74.65	74.54	74.51	74.37	26
27	74.28	74.28	74.28	74.67	74.88	75.18	74.99	74.82	74.65	74.54	74.50	74.42	27
28	74.29	74.27	74.28	74.68	74.85	75.18	74.98	74.82	74.64	74.54	74.48	74.38	28
29	74.31		74.32	74.68	74.87	75.18	74.97	74.81	74.63	74.53	74.51	74.45	29
30	74.30		74.35	74.68	74.88	75.18	74.97	74.79	74.64	74.53	74.47	74.43	30
31	74.31		74.34		74.89		74.95	74.78		74.53		74.41	31
MEAN	74.29	74.29	74.27	74.57	74.85	75.09	75.06	74.85	74.72	74.58	74.51	74.45	MEAN
MAX	74.34	74.35	74.35	74.68	74.89	75.17	75.15	74.95	74.78	74.64	74.58	74.53	MAX
MIN	74.21	74.25	74.20	74.38	74.87	74.98	74.95	74.79	74.63	74.53	74.49	74.37	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 74.83
MAXIMUM DAILY, 75.17 ON JUN 25
MINIMUM DAILY, 74.20 ON MAR 1
MAXIMUM INSTANTANEOUS,
75.20 AT 17:45 EST ON JUN 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 14 12 N
LONG 78 13 12 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1985)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 13030 PORT WELLER

LAKE ONTARIO AT TORONTO - STATION NO. 02HC048

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	74.32	74.30	74.18	74.34	74.88	74.98	75.15	74.98	74.77	74.64	74.48	74.52	1
2	74.27	74.25	74.26	74.41	74.87	75.00	75.15	74.95	74.78	74.63	74.52	74.52	2
3	74.28	74.31	74.30	74.42	74.88	75.02	75.14	74.94	74.78	74.58	74.50	74.44	3
4	74.30	74.34	74.31	74.45	74.72	75.02	75.13	74.93	74.77	74.58	74.52	74.48	4
5	74.34	74.32	74.28	74.48	74.74	75.03	75.13	74.88	74.78	74.58	74.53	74.48	5
6	74.35	74.31	74.28	74.48	74.71	75.03	75.13	74.84	74.77	74.57	74.48	74.48	6
7	74.32	74.31	74.28	74.48	74.70	75.05	75.12	74.81	74.77	74.55	74.51	74.45	7
8	74.23	74.24	74.27	74.51	74.77	75.04	75.12	74.81	74.77	74.55	74.51	74.47	8
9	74.24	74.27	74.23	74.52	74.80	75.05	75.12	74.83	74.77	74.57	74.52	74.48	9
10	74.29	74.28	74.25	74.51	74.80	75.03	75.09	74.82	74.73	74.60	74.51	74.45	10
11	74.30	74.27	74.24	74.55	74.81	75.05	75.09	74.82	74.74	74.57	74.49	74.48	11
12	74.28	74.27	74.23	74.55	74.85	75.06	75.08	74.81	74.74	74.57	74.47	74.47	12
13	74.24	74.34	74.24	74.57	74.85	75.06	75.08	74.80	74.72	74.54	74.51	74.48	13
14	74.29	74.30	74.27	74.59	74.87	75.06	75.06	74.80	74.74	74.55	74.51	74.48	14
15	74.27	74.32	74.22	74.60	74.85	75.06	75.07	74.89	74.73	74.59	74.53	74.49	15
16	74.27	74.26	74.21	74.61	74.80	75.07	75.06	74.85	74.75	74.59	74.44	74.42	16
17	74.28	74.30	74.28	74.61	74.89	75.12	75.05	74.85	74.73	74.58	74.48	74.42	17
18	74.30	74.28	74.28	74.60	74.81	75.11	75.05	74.85	74.73	74.57	74.49	74.42	18
19	74.28	74.27	74.25	74.63	74.83	75.11	75.04	74.85	74.72	74.53	74.50	74.48	19
20	74.24	74.29	74.26	74.64	74.83	75.13	75.05	74.87	74.88	74.60	74.49	74.38	20
21	74.29	74.30	74.24	74.62	74.81	75.15	75.05	74.88	74.71	74.58	74.49	74.40	21
22	74.28	74.28	74.27	74.62	74.82	75.15	75.04	74.85	74.70	74.53	74.53	74.41	22
23	74.28	74.28	74.28	74.63	74.84	75.15	75.04	74.82	74.84	74.54	74.52	74.43	23
24	74.30	74.28	74.28	74.63	74.84	75.15	75.03	74.84	74.85	74.55	74.51	74.40	24
25	74.35	74.28	74.29	74.68	74.84	75.15	75.01	74.84	74.87	74.55	74.54	74.40	25
26	74.29	74.30	74.30	74.65	74.83	75.15	75.00	74.84	74.63	74.54	74.50	74.35	26
27	74.27	74.27	74.30	74.68	74.84	75.15	74.99	74.83	74.85	74.54	74.54	74.43	27
28	74.28	74.28	74.30	74.67	74.88	75.15	74.98	74.82	74.84	74.55	74.47	74.38	28
29	74.31		74.33	74.67	74.88	75.15	74.98	74.81	74.81	74.54	74.52	74.44	29
30	74.30		74.34	74.69	74.88	75.15	74.98	74.77	74.83	74.53	74.47	74.48	30
31	74.33		74.35		75.00		74.98	74.78		74.54		74.43	31
MEAN	74.28	74.28	74.27	74.57	74.88	75.09	75.08	74.88	74.72	74.57	74.50	74.44	MEAN
MAX	74.35	74.35	74.35	74.69	75.00	75.15	75.15	74.95	74.78	74.64	74.54	74.53	MAX
MIN	74.23	74.24	74.18	74.34	74.87	74.98	74.98	74.77	74.81	74.53	74.44	74.38	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 74.83
MAXIMUM DAILY, 75.15 ON JUN 22
MINIMUM DAILY, 74.18 ON MAR 1
MAXIMUM INSTANTANEOUS,
75.21 AT 17:00 EST ON JUN 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 38 38 N
LONG 79 22 50 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1985)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 13320 TORONTO

LAKE SIMCOE NEAR GAMBRIDGE - STATION NO. 02EC015

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.001	10.025	10.004	10.187	10.328	10.408	10.433	10.235	10.188	10.084	10.101	10.113	1
2	10.012	10.025	10.006	10.188	10.343	10.408	10.428	10.281	10.173	10.078	10.088	10.113	2
3	10.012	10.024	9.998	10.208	10.353	10.404	10.419	10.260	10.158	10.087	10.055	10.128	3
4	10.011A	10.021	10.002	10.225	10.350	10.415	10.412	10.255	10.154	10.083	10.041	10.101	4
5	10.007A	10.018	10.008	10.238	10.361	10.409	10.406	10.259	10.154	10.048	10.044	10.100	5
6	10.007	10.015	10.002	10.260	10.381	10.404	10.400	10.267	10.148	10.087	10.089	10.103	6
7	10.004	10.017	10.003	10.258	10.386	10.395	10.394	10.262	10.144	10.088	10.047	10.088	7
8	10.015	10.015	9.999	10.264	10.386	10.387	10.378	10.237	10.149	10.027	10.042	10.084	8
9	10.017	10.017	9.999	10.268	10.384	10.398	10.377	10.228	10.152	10.024	10.041	10.078	9
10	10.015	10.013	9.993	10.271	10.388	10.429	10.380	10.222	10.153	10.018	10.070	10.080	10
11	10.015	10.013	9.992	10.272	10.400	10.412	10.381	10.220	10.141	10.035	10.104	10.073	11
12	10.018	10.012	9.994	10.280	10.418	10.401	10.367	10.217	10.140	10.037	10.075	10.084	12
13	10.024	10.009	9.993	10.288	10.440	10.397	10.332	10.215	10.127	10.035	10.048	10.085	13
14	10.024	10.011	9.988	10.292	10.448	10.388	10.327	10.218	10.118	10.018	10.057	10.088	14
15	10.026	10.008	10.018	10.303	10.455	10.388	10.316	10.229	10.114	10.041	10.089	10.083	15
16	10.027	10.007	10.018	10.305	10.461	10.386	10.310	10.238	10.101	10.058	10.102	10.084	16
17	10.027	10.004	10.025	10.309	10.480	10.407	10.305	10.216	10.101	10.045	10.174	10.046	17
18	10.025	10.002	10.055	10.317	10.488	10.403	10.301	10.209	10.103	10.047	10.132	10.047	18
19	10.027	10.001	10.049	10.318	10.484	10.397	10.283	10.208	10.098	10.028	10.127	10.042	19
20	10.027	9.998	10.052	10.317	10.455	10.428	10.278	10.213	10.092	10.057	10.138	10.043	20
21	10.025	10.006	10.058	10.322	10.448	10.448	10.276	10.212	10.093	10.058	10.138	10.040	21
22	10.023	10.007	10.057	10.325	10.457	10.488	10.280	10.202	10.110	10.072	10.118	10.038A	22
23	10.017	10.007	10.058	10.325	10.465	10.484	10.282	10.189	10.107	10.083	10.118	10.036E	23
24	10.018	10.000A	10.080	10.324	10.438	10.486	10.277	10.184	10.118	10.081	10.123	10.032A	24
25	10.020	9.998A	10.085	10.323	10.442	10.482	10.277	10.178	10.114	10.082	10.118	10.032	25
26	10.025	10.002	10.073	10.325	10.442	10.482	10.276	10.171	10.105	10.082	10.124	10.032	26
27	10.024	10.001	10.068	10.324	10.447	10.482	10.287	10.164	10.091	10.082	10.094	10.028A	27
28	10.021	10.001	10.110	10.323	10.425	10.471	10.268	10.162	10.087	10.084	10.145	10.023	28
29	10.020		10.158	10.318	10.415	10.453	10.258	10.163	10.094	10.081	10.132	10.022	29
30	10.024		10.180	10.327	10.409	10.444	10.248	10.178	10.074	10.059	10.140	10.019	30
31	10.023		10.182		10.409		10.240	10.187		10.073		10.023	31
MEAN	10.018	10.010	10.042	10.287	10.417	10.428	10.328	10.212	10.128	10.056	10.098	10.060	MEAN
MAX	10.027	10.026	10.182	10.327	10.488	10.488	10.433	10.267	10.173	10.097	10.174	10.128	MAX
MIN	10.001	9.998	9.988	10.187	10.328	10.386	10.240	10.167	10.074	10.018	10.041	10.019	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 10.174
MAXIMUM DAILY, 10.488 ON JUN 24
MINIMUM DAILY, 9.988 ON MAR 14
MAXIMUM INSTANTANEOUS,
10.578 AT 02:31 EST ON MAY 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 38 22 N
LONG 79 10 02 W

A - MANUAL GAUGE
E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 308.724 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - PRIOR TO JUNE 1982 PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE AS 16800 GAMBRIDGE ONT

LAKE ST. CLAIR AT BELLE RIVER - STATION NO. 02GH008

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	174.81	174.85	174.80	174.84	174.92	175.05	175.15	175.11	175.01	174.88	174.72	174.88	1
2	174.77	174.85	174.80	174.82	174.90	175.07	175.14	175.08	175.03	174.80	174.78	174.88	2
3	174.82	174.87	174.86	174.87	174.88	175.07	175.12	175.07	175.01	174.83	174.78	174.78	3
4	174.84	174.83	174.73	174.88	174.88	175.09	175.13	175.08	174.98	174.88	174.70	174.87	4
5	174.84	174.81	174.77	174.88	174.87	175.10	175.14	175.08	174.88	174.88	174.88	174.87	5
6	174.86	174.77	174.78	174.91	174.91	175.07	175.13	175.11	174.98	174.88	174.72	174.70	6
7	174.84	174.78	174.78	174.91	174.93	175.07	175.14	175.11	174.98	174.86	174.77	174.88	7
8	174.74	174.78	174.78	174.90	174.90	175.07	175.13	175.07	174.88	174.88	174.78	174.88	8
9	174.80	174.79	174.74	174.91	174.92	175.08	175.12	175.08	174.88	174.84	174.70	174.88	9
10	174.83	174.81	174.73	174.88	174.84	175.05	175.11	175.08	174.84	174.81	174.73	174.88	10
11	174.88	174.83	174.72	174.86	175.00	175.08	175.13	175.08	175.02	174.80	174.87	174.70	11
12	174.88	174.81	174.74	174.84	174.95	175.09	175.12	175.08	175.01	174.78	174.73	174.88	12
13	174.88	174.81	174.73	174.88	174.84	175.10	175.14	175.04	175.03	174.81	174.78	174.88	13
14	174.85	174.82	174.72	174.85	174.84	175.10	175.12	175.03	175.04	174.81	174.71	174.87	14
15	174.84	174.84	174.73	174.85	174.84	175.10	175.11	175.03	175.01	174.80	174.78	174.88	15
16	174.82	174.86	174.71	174.87	174.84	175.10	175.10	175.08	175.04	174.83	174.78	174.70	16
17	174.80	174.85	174.77	174.80	174.83	175.08	175.10	175.08	175.02	174.81	174.88	174.71	17
18	174.81	174.84	174.84	174.83	174.82	175.09	175.08	175.05	175.00	174.82	174.74	174.75	18
19	174.78	174.85	174.78	174.82	174.81	175.12	175.10	175.03	174.98	174.83	174.88	174.78	19
20	174.84	174.87	174.78	174.81	174.82	175.18	175.21	174.98	174.88	174.80	174.77	174.83	20
21	174.78	174.88	174.78	174.83	174.82	175.15	175.21	175.01	174.88	174.80	174.80	174.85	21
22	174.75	174.88	174.74	174.84	174.83	175.15	175.17	175.01	175.01	174.79	174.78	174.85	22
23	174.77	174.88	174.78	174.81	174.84	175.15	175.15	175.05	175.07	174.79	174.75	174.86	23
24	174.78	174.78	174.78	174.80	174.82	175.15	175.14	175.06	174.97	174.78	174.80	174.85	24
25	174.80	174.70	174.77	174.80	174.84	175.15	175.12	175.03	174.94	174.78	174.88	174.84	25
26	174.78	174.84	174.77	174.80	174.85	175.15	175.11	175.03	175.01	174.78	174.88	174.84	26
27	174.77	174.81	174.78	174.80	175.00	175.17	175.13	175.01	174.85	174.78	174.87	174.84	27
28	174.78	174.81	174.76	174.81	174.88	175.20	175.16	175.00	174.81	174.79	174.74	174.80	28
29	174.78		174.83	174.80	174.87	175.18	175.13	175.00	174.80	174.77	174.88	174.78	29
30	174.78		174.84	174.88	174.87	175.18	175.13	175.01	174.81	174.78	174.87	174.78	30
31	174.73		174.87		174.81		175.13	174.98		174.74		174.78	31
MEAN	174.81	174.83	174.78	174.88	174.86	175.11	175.13	175.04	174.98	174.83	174.72	174.78	MEAN
MAX	174.88	174.88	174.87	174.88	175.01	175.20	175.21	175.11	175.07	174.83	174.80	174.88	MAX
MIN	174.73	174.81	174.80	174.83	174.87	175.08	174.98	174.98	174.80	174.74	174.88	174.88	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 174.90
MAXIMUM DAILY, 175.21 ON JUL 20
MINIMUM DAILY, 174.80 ON MAR 1
MAXIMUM INSTANTANEOUS,
175.38 AT 19:45 EST ON JUN 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 17 45 N
LONG 82 42 37 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11995 BELLE RIVER

LAKE ST. CLAIR AT TECUMSEH - STATION NO. 02GH005

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	174.77	174.78	---	174.78	174.88	174.98	175.11	175.08	174.84	174.88	---	174.87	1
2	174.88	174.78	---	174.78	174.84	175.00	175.10	175.02	174.87	174.83	---	174.87	2
3	174.78	174.76	174.83	174.83	174.83	175.02	175.10	175.01	174.87	174.83	---	174.80	3
4	174.78	174.75	174.88	174.85	174.84	175.03	175.10	174.99	174.87	174.80	---	174.83	4
5	174.77	174.73	174.88	174.84	174.82	175.05	175.10	175.01	174.83	174.79	---	174.83	5
6	174.78	174.88	174.71	174.88	174.88	175.02	175.09	175.02	174.84	174.78	---	174.83	6
7	174.78	174.88	174.71	174.88	174.81	175.03	175.09	175.01	174.85	174.77	---	174.83	7
8	174.85	174.88	174.88	174.87	174.84	175.04	175.09	175.01	174.93	174.78	---	174.88	8
9	174.88	174.71	174.88	174.82	174.87	175.04	175.07	175.00	174.86	174.78	---	174.84	9
10	174.78	174.78	174.87	174.78	174.88	175.02	175.04	175.00	174.87	174.75	---	174.81	10
11	174.83	174.78	174.87	174.83	174.80	175.05	175.08	175.01	174.88	174.78	---	174.83	11
12	174.80	174.84	174.88	174.78	174.88	175.08	175.08	175.00	174.85	174.78	---	174.83	12
13	174.80	174.87	174.85	174.82	174.81	175.08	175.08	174.99	174.88	174.77	---	174.84	13
14	174.81	174.88	174.88	174.81	174.89	175.06	175.07	174.99	174.89	174.77	---	174.89	14
15	174.77	174.80	174.81	174.84	174.88	175.07	175.08	174.97	174.87	174.78	---	174.89	15
16	174.78	174.90	174.85	174.84	174.89	175.05	175.05	174.99	174.87	174.77	---	174.88	16
17	174.74	174.88	174.74	174.85	174.89	175.03	175.05	175.01	174.85	174.84	---	174.88	17
18	174.78	174.88	174.75	174.86	174.89	175.05	175.05	175.01	174.88	174.83	---	174.70	18
19	174.74	174.82	174.70	174.88	174.89	175.06	175.07	174.99	174.85	174.84	---	174.75	19
20	174.75	174.81	174.71	174.86	175.11	175.18	175.14	174.94	174.94	174.74	---	174.79	20
21	174.73	174.78	174.71	174.88	174.87	175.13	175.15	174.95	174.93	174.70	---	174.82	21
22	174.70	174.78	174.71	174.89	174.89	175.12	175.13	174.88	174.83	174.74	---	174.83	22
23	174.73	174.78	174.72	174.87	174.90	175.12	175.11	174.89	174.88	174.78	---	174.84	23
24	174.78	174.73	174.73	174.85	174.89	175.13	175.10	175.01	174.82	174.75	---	174.83	24
25	174.81	174.84	174.73	174.89	174.90	175.12	175.09	175.00	174.89	174.75	---	174.80	25
26	174.72	174.87	174.73	174.88	174.81	175.11	175.07	174.89	174.90	---	---	174.82	26
27	174.70	174.84	174.71	174.88	174.83	175.12	175.08	174.87	174.90	174.73	---	174.81	27
28	174.73	174.84	174.70	174.87	174.85	175.15	175.11	174.98	174.88	174.72	---	174.77	28
29	174.75		174.79	174.87	174.84	175.14	175.10	174.95	174.85	174.72	---	174.78	29
30	174.74		174.79	174.85	174.83	175.12	175.11	174.84	174.88	174.72	---	174.78	30
31	174.71		174.79		174.88		175.09	174.84		174.87		174.74	31
MEAN	174.75	174.78	---	174.84	174.88	175.07	175.09	174.98	174.84	---	---	174.70	MEAN
MAX	174.83	174.90	---	174.89	174.88	175.15	175.15	175.08	174.98	---	---	174.84	MAX
MIN	174.68	174.84	---	174.78	174.81	174.98	175.04	174.84	174.85	---	---	174.87	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MAXIMUM DAILY, 175.15 ON JUL 20

MAXIMUM INSTANTANEOUS,
175.25 AT 07:33 EST ON JUL 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 20 32 N
LONG 82 56 24 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11075 TECUMSEH

LAKE ST. JOSEPH ABOVE RAT RAPIDS DAM - STATION NO. 04GA004

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	372.340E	372.280	372.150	372.000	371.840	372.480	372.940	373.430	373.570	373.420	373.020	372.750	1
2	372.340	372.250	372.140	371.980	371.850	372.470	372.970	373.430	373.580	373.440	373.010	372.750	2
3	372.340	372.260	372.130	371.960	371.880	372.490	372.990	373.440	373.550	373.470	372.990	372.730	3
4	372.330	372.260	372.130	371.980	371.880	372.510	372.990	373.430	373.580	373.420	372.970	372.730	4
5	372.340	372.280	372.130	371.980	372.000	372.530	373.030	373.460	373.600	373.390	372.980	372.730	5
6	372.330	372.280	372.120	371.970	372.020	372.540	373.040	373.500	373.580	373.410	372.990	372.720	6
7	372.320	372.240	372.110	371.980	372.030	372.510	373.080	373.540	373.610	373.380	372.970	372.700	7
8	372.330	372.240	372.120	371.980	372.040	372.540	373.080	373.550	373.610	373.380	372.950	372.690	8
9	372.330	372.240	372.110	371.980	372.060	372.570	373.080	373.580	373.580	373.340	372.970	372.690	9
10	372.320	372.240	372.100	371.980	372.080	372.590	373.100	373.580	373.600	373.320	372.950	372.680E	10
11	372.320	372.240	372.100	371.960	372.110	372.580	373.100	373.550	373.580	373.340	373.000	372.680E	11
12	372.330	372.230	372.090	371.940	372.130	372.630	373.120	373.580	373.570	373.380	372.970	372.670E	12
13	372.330	372.230	372.100	371.940	372.140	372.680E	373.140	373.520	373.600	373.280	372.910	372.660E	13
14	372.330	372.220	372.080	371.940	372.160	372.690E	373.150	373.550	373.570	373.230	372.910	372.650E	14
15	372.330	372.210	372.080	371.930	372.180	372.820E	373.170	373.580	373.570	373.210	372.890	372.640E	15
16	372.320	372.210	372.080	371.930	372.200	372.850E	373.180	373.540	373.550	373.230	372.880	372.640	16
17	372.310	372.210	372.070	371.930	372.220	372.880	373.210	373.590	373.530	373.230	372.870	372.630	17
18	372.310	372.200	372.070	371.930	372.250	372.710	373.210	373.570	373.570	373.230	372.880	372.610	18
19	372.310	372.200	372.080	371.930	372.240	372.710	373.280	373.580	373.540	373.230	372.850	372.600	19
20	372.300	372.190	372.080	371.910	372.280	372.710	373.280	373.530	373.530	373.190	372.880	372.590	20
21	372.300	372.190	372.080	371.910	372.310	372.730	373.280	373.580	373.530	373.170	372.840	372.580	21
22	372.300	372.190	372.050	371.900	372.330	372.740	373.280	373.550	373.580	373.170	372.830	372.580	22
23	372.300	372.170	372.040	371.900	372.330	372.760	373.310	373.530	373.530	373.180	372.820	372.580	23
24	372.290	372.170	372.040	371.910	372.300	372.770	373.330	373.540	373.580	373.140	372.800	372.570	24
25	372.280	372.170	372.030	371.910	372.380	372.770	373.340	373.560	373.530	373.130	372.810	372.570	25
26	372.280	372.170	372.030	371.910	372.400	372.810	373.380	373.550	373.600	373.120	372.790	372.580	26
27	372.280	372.180	372.030	371.930	372.400	372.810	373.350	373.590	373.520	373.130	372.790	372.580	27
28	372.280	372.180	372.020	371.930	372.410	372.870	373.370	373.550	373.520	373.140	372.770	372.580	28
29	372.270		372.010	371.920	372.420	372.880	373.380	373.540	373.480	373.060	372.770	372.560	29
30	372.270		372.010	371.940	372.450	372.920	373.340	373.580	373.440	373.070	372.780	372.530	30
31	372.280		372.010		372.450		373.410	373.570		373.030		372.520	31
MEAN	372.311	372.214	372.078	371.940	372.198	372.654	373.187	373.533	373.552	373.251	372.893	372.634	MEAN
MAX	372.340	372.280	372.150	372.000	372.450	372.920	373.410	373.590	373.610	373.470	373.020	372.780	MAX
MIN	372.280	372.150	372.010	371.900	371.840	372.470	372.940	373.430	373.440	373.020	372.780	372.520	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 373.707
MAXIMUM DAILY, 373.610 ON SEP 7
MINIMUM DAILY, 371.900 ON APR 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 11 40 N
LONG 80 13 30 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE ST. JOSEPH DIVERSION A[illegible] CONTROL DAM - STATION NO. 050B005

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	371.680	371.580	371.480	371.380	371.380	372.300	372.970	373.470	373.430	372.880	372.280	372.040	1
2	371.670	371.580	371.480	371.380	371.520	372.470	372.980	373.480	373.420	372.800	372.280	372.010	2
3	371.670	371.580	371.480	371.380	371.710	372.480	372.970	373.530	373.420	372.800	372.260	372.010	3
4	371.680	371.580	371.480	371.380	371.730	372.480	373.010	373.580	373.420	372.810	372.250	372.000	4
5	371.670	371.580	371.480	371.370	371.760	372.500	373.040	373.590	373.410	372.880	372.220	371.980	5
6	371.680	371.570	371.480	371.370	371.770	372.510	373.070	373.570	373.440	372.800	372.200	371.980	6
7	371.680	371.570	371.480	371.380	371.780	372.580	373.080	373.580	373.400	372.570	372.210	371.970	7
8	371.700	371.580	371.470	371.380	371.810	372.580	373.110	373.500	373.410	372.550	372.200	371.980	8
9	371.680	371.580	371.470	371.380	371.810	372.580	373.170	373.410	373.480	372.540	372.190	371.980	9
10	371.650	371.580	371.470	371.380	371.830	372.580	373.180	373.410	373.420	372.500	372.180	371.980	10
11	371.680	371.580	371.480	371.380	371.840	372.630	373.180	373.420	373.480	372.470	372.120	371.980	11
12	371.650	371.580	371.480	371.360	371.880	372.710	373.200	373.420	373.420	372.500	372.180	371.940	12
13	371.640	371.580	371.480	371.340	371.870	372.890	373.210	373.470	373.380	372.540	372.160	371.930	13
14	371.650	371.580	371.460	371.340	371.880	372.840	373.230	373.440	373.420	372.540	372.160	371.910	14
15	371.650	371.550	371.440	371.320	371.900	372.840	373.230	373.420	373.380	372.510	372.150	371.910	15
16	371.650	371.540	371.440	371.330	371.910	372.880	373.280	373.440	373.430	372.480	372.140	371.910	16
17	371.650	371.530	371.430	371.320	371.920	372.880	373.280	373.420	373.380	372.480	372.120	371.900	17
18	371.650	371.520	371.430	371.310	371.910	372.650	373.300	373.400	373.380	372.410	372.120	371.890	18
19	371.650	371.530	371.430	371.310	371.880	372.670	373.280	373.420	373.410	372.440	372.110	371.870	19
20	371.640	371.520	371.420	371.320	371.870	372.670	373.310	373.450	373.400	372.430	372.100	371.850	20
21	371.640	371.530	371.420	371.320	371.880	372.700	373.330	373.420	373.380	372.410	372.100	371.850	21
22	371.650	371.510	371.420	371.320	371.890	372.720	373.350	373.430	373.380	372.400	372.080	371.850	22
23	371.640	371.510	371.420	371.320	372.020	372.780	373.340	373.450	373.330	372.380	372.080	371.840	23
24	371.630	371.510	371.410	371.320	372.040	372.820	373.350	373.420	373.380	372.380	372.080	371.850	24
25	371.640	371.520	371.410	371.320	372.010	372.880	373.360	373.400	373.370	372.370	372.080	371.840	25
26	371.630	371.510	371.410	371.330	372.060	372.880	373.380	373.410	373.380	372.350	372.080	371.840	26
27	371.620	371.500	371.410	371.340	372.070	372.850	373.430	373.410	373.080	372.270	372.050	371.830	27
28	371.610	371.500	371.420	371.350	372.110	372.840	373.430	373.440	372.870	372.310	372.030	371.830	28
29	371.620		371.400	371.360	372.130	372.840	373.440	373.430	372.690	372.290	372.040	371.810	29
30	371.620		371.400	371.360	372.130	372.880	373.440	373.430	372.700	372.320	372.030	371.810	30
31	371.620		371.380		372.150		373.440	373.440		372.310		371.810	31
MEAN	371.648	371.543	371.443	371.344	371.898	372.674	373.235	373.454	373.320	372.484	372.139	371.908	MEAN
MAX	371.700	371.580	371.490	371.380	372.150	372.880	373.440	373.590	373.480	372.880	372.280	372.040	MAX
MIN	371.610	371.500	371.380	371.310	371.380	372.300	372.880	373.400	372.870	372.270	372.030	371.810	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1989

MEAN, 372.261
MAXIMUM DAILY, 373.590 ON AUG 5
MINIMUM DAILY, 371.310 ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 52 10 N
LONG 91 27 30 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE ST. JOSEPH DIVERSION AT ROOT PORTAGE - STATION NO. 050B005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	78.2	72.8	66.2	59.0	57.7	50.2	16.1	0	91.4	188	128	108	1
2	78.5	72.8	65.5	59.0	51.8	37.3	15.6	0	90.8	183	123	104	2
3	78.5	72.2	65.5	59.0	48.8	38.9	16.1	0	90.8	183	123	104	3
4	77.8	70.9	65.5	59.0	49.7	37.7	8.10	0	90.8	184	123	103	4
5	78.5	70.9	66.5	58.3	51.0	36.6	0	0	89.8	181	120	102	5
6	78.2	71.6	66.5	58.3	51.4	39.0	0	0	92.2	183	119	101	6
7	78.2	71.6	66.5	57.7	51.8	42.0	0	0	89.0	180	120	101	7
8	80.7	70.8	64.8	57.7	53.2	35.4	0	42.0	89.8	148	119	101	8
9	77.8	70.2	64.8	57.7	53.2	28.7	0	89.8	93.7	147	118	101	9
10	77.1	70.2	64.8	57.0	54.1	29.7	0	89.8	90.8	144	119	99.1	10
11	77.1	70.8	65.5	57.7	54.8	32.3	0	90.8	92.8	141	112	98.1	11
12	77.1	70.9	64.2	57.0	55.4	37.4	0	90.8	90.8	144	117	98.4	12
13	78.4	70.8	63.5	56.4	55.8	36.1	0	84.5	88.2	147	116	97.8	13
14	77.1	70.8	63.5	56.4	56.8	32.8	0	92.2	90.8	147	116	98.1	14
15	77.1	70.3	62.8	56.1	57.2	32.8	0	90.8	88.2	148	116	98.1	15
16	77.1	68.5	62.8	55.8	57.7	33.6	0	92.2	91.4	142	116	98.1	16
17	77.8	68.8	62.2	55.1	58.1	34.2	0	90.8	88.2	140	112	98.3	17
18	77.1	68.2	62.2	54.8	57.7	33.6	0	89.0	87.4	136	112	98.8	18
19	77.1	68.8	62.2	54.8	59.8	34.8	0	90.8	89.8	139	112	93.1	19
20	78.4	68.2	61.5	55.1	60.4	34.8	0	92.9	89.0	138	111	92.3	20
21	78.4	68.8	61.5	55.1	60.8	36.8	0	90.8	87.4	138	111	91.6	21
22	77.1	67.5	61.5	55.1	61.3	38.0	0	91.4	87.4	135	109	91.6	22
23	78.4	67.5	61.5	55.1	62.7	22.9	0	92.9	83.4	135	109	90.6	23
24	75.7	67.5	60.9	55.1	65.5	9.76	0	90.8	85.8	134	109	91.6	24
25	76.4	68.2	60.9	55.1	62.2	10.9	0	89.0	88.8	133	108	90.8	25
26	75.0	67.5	60.8	55.8	64.8	10.9	0	89.8	85.0	131	108	90.8	26
27	75.0	68.8	60.8	56.4	66.0	15.1	0	89.8	126	126	107	90.1	27
28	74.3	68.8	61.5	57.0	67.0	14.8	0	92.2	169	128	106	90.1	28
29	75.0		60.2	57.7	67.8	14.8	0	91.4	161	126	106	88.8	29
30	75.0		60.2	57.7	67.8	15.6	0	91.4	162	129	106	88.8	30
31	76.0		59.6		68.9		0	92.2		128		88.8	31
TOTAL	2 388.1	1 952.2	1 983.6	1 700.4	1 810.1	909.40	88.90	2 138.7	2 928.2	4 370	3 420	2 974.0	TOTAL
MEAN	77.0	69.7	63.0	58.7	58.4	30.3	1.80	68.8	97.6	141	114	95.9	MEAN
MAX	80.7	72.8	66.2	59.0	68.9	50.2	16.1	94.5	162	188	128	108	MAX
MIN	74.3	66.8	59.6	54.8	48.8	9.70	0	0	83.4	126	105	88.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1989

MEAN, 72.9
MAXIMUM DAILY, 162 ON SEP 30
MINIMUM DAILY, 0 ON JUL 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 52 10 N
LONG 91 27 30 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	206 000	JUL	4 830
FEB	168 000	AUG	185 000
MAR	183 000	SEP	253 000
APR	147 000	OCT	378 000
MAY	156 000	NOV	296 000
JUN	78 600	DEC	257 000

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

TOTAL DISCHARGE, 2 300 000 dam³

REMARKS - LAKE ST. JOSEPH HAS TWO OUTLETS. THIS DIVERSION CONTRIBUTES FLOW TO THE ENGLISH RIVER SYSTEM

LAKE ST. JOSEPH OUTFLOW TO ALBANY RIVER - STATION NO. 04GA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	2.00	3.50	3.50	3.00	2.40	1
2	0	0	0	0	0	0	0	2.00	3.50	3.10	3.00	2.40	2
3	0	0	0	0	0	0	0	2.00	3.50	3.40	3.00	2.40	3
4	0	0	0	0	0	0	0	2.00	3.50	3.20	3.00	2.40	4
5	0	0	0	0	0	0	0	2.00	3.50	3.00	3.00	2.40	5
6	0	0	0	0	0	0	0	2.00	3.50	3.10	3.00	2.40	6
7	0	0	0	0	0	0	0	2.00	3.50	3.00	3.00	2.40	7
8	0	0	0	0	0	0	0	2.00	3.50	3.00	3.00	2.40	8
9	0	0	0	0	0	0	0	2.00	3.50	3.00	3.00	2.40	9
10	0	0	0	0	0	0	0	2.00	3.50	3.00	3.00	2.40	10
11	0	0	0	0	0	0	0	2.00	3.50	3.00	3.00	2.40	11
12	0	0	0	0	0	0	0	2.00	3.50	3.00	3.00	2.40	12
13	0	0	0	0	0	0	0	2.00	3.50	3.00	3.00	2.40	13
14	0	0	0	0	0	0	0	2.00	3.50	3.00	3.00	2.40	14
15	0	0	0	0	0	0	0	2.00	3.50	3.00	3.00	2.40	15
16	0	0	0	0	0	0	0	2.00	3.50	3.00	3.00	2.40	16
17	0	0	0	0	0	0	0	2.00	3.50	3.00	3.00	2.40	17
18	0	0	0	0	0	0	0	2.00	3.50	3.00	3.00	2.40	18
19	0	0	0	0	0	0	0	2.00	3.50	3.00	2.80	2.40	19
20	0	0	0	0	0	0	0	2.00	3.50	3.00	2.80	2.40	20
21	0	0	0	0	0	0	0	3.80	3.50	3.00	2.80	2.40	21
22	0	0	0	0	0	0	0	3.80	3.50	3.00	2.80	2.40	22
23	0	0	0	0	0	0	0	3.80	3.50	3.00	2.80	2.40	23
24	0	0	0	0	0	0	0	3.80	3.50	3.00	2.80	2.40	24
25	0	0	0	0	0	0	0	3.80	3.50	3.00	2.80	2.40	25
26	0	0	0	0	0	0	0	3.80	3.50	3.00	2.80	2.40	26
27	0	0	0	0	0	0	0	3.80	3.50	3.00	2.80	2.40	27
28	0	0	0	0	0	0	0	3.80	3.50	3.00	2.40	2.40	28
29	0		0	0	0	0	0	3.80	3.50	3.00	2.40	2.40	29
30	0		0	0	0	0	0	3.80	3.50	3.00	2.40	2.40	30
31	0		0		0		0	3.80		3.00		2.40	31
TOTAL	0	0	0	0	0	0	0	78.20	105.00	94.30	83.70	74.40	TOTAL
MEAN	0	0	0	0	0	0	0	2.55	3.50	3.04	2.79	2.40	MEAN
MAX	0	0	0	0	0	0	0	3.80	3.50	3.50	3.00	2.40	MAX
MIN	0	0	0	0	0	0	0	2.00	3.50	3.00	2.40	2.40	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.30
MAXIMUM DAILY, 3.80 ON AUG 21
MINIMUM DAILY, 0 ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT N
LONG W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	0
FEB	0	AUG	6 840
MAR	0	SEP	9 070
APR	0	OCT	8 150
MAY	0	NOV	7 230
JUN	0	DEC	6 430

TOTAL DISCHARGE, 37 700 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED SINCE 1958

REMARKS - SUM OF FLOWS THROUGH CEDAR AND RAT RAPIDS DAMS

LAKE SUPERIOR AT GROS CAP - STATION NO. 02BF010

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	183.01	183.04	182.98	182.84	182.84	183.04	183.13	183.12	183.18	182.89	183.11	182.88	1
2	183.11	183.00	182.92	182.87	182.98	183.04	183.12	183.14	183.13	183.19	183.06	183.04	2
3	183.00	183.06	182.86	182.85	182.94	183.08	183.14	183.12	183.10	183.24	182.89	182.93	3
4	182.97	183.03	182.91	182.90	182.90	183.08	183.16	183.14	183.06	183.14	182.93	182.87	4
5	182.98	183.00	182.93	182.93	182.87	183.03	183.14	183.15	183.11	183.08	182.89	182.94	5
6	183.00	183.00	182.90	182.92	182.86	183.05	183.15	183.22	183.10	183.20	183.09	183.06	6
7	182.84	182.97	182.82	182.90	183.00	183.04	183.17	183.17	183.09	183.15	183.00	182.98	7
8	183.16	183.13	182.83	182.93	182.99	183.08	183.14	183.18	183.13	183.09	182.96	182.92	8
9	183.06	183.00	182.87	182.93	182.98	183.13	183.12	183.13	183.15	183.01	183.08	182.86	9
10	183.11	183.01	182.84	182.92	182.96	183.12	183.15	183.12	183.16	183.04	183.09	183.00	10
11	182.90	183.03	182.90	182.87	182.89	183.06	183.17	183.12	183.12	182.97	183.20	182.90	11
12	183.18	182.95	182.85	182.95	183.01	183.06	183.17	183.12	183.18	183.08	183.07	182.88	12
13	183.06	182.92	182.87	182.87	182.96	183.11	183.18	183.11	183.13	183.06	183.01	182.86	13
14	182.97	182.96	182.90	182.90	182.97	183.13	183.16	183.14	183.11	183.01	183.03	182.87	14
15	183.09	183.00	182.92	182.90	182.96	183.14	183.15	183.17	183.11	183.02	183.07	182.92	15
16	183.00	182.97	182.90	182.87	182.97	183.15	183.14	183.18	183.10	183.07	183.23	182.93	16
17	183.09	182.97	182.89	182.88	182.96	183.13	183.14	183.13	183.09	183.03	183.09	182.88	17
18	183.02	182.96	182.90	182.90	182.94	183.11	183.14	183.09	183.06	183.01	183.11	182.88	18
19	183.03	182.95	182.86	182.92	182.94	183.12	183.15	183.07	183.06	183.00	183.01	182.92	19
20	183.07	182.92	182.90	182.91	183.00	183.10	183.15	183.11	183.10	183.02	183.20	182.98	20
21	182.98	182.94	182.88	182.90	183.02	183.08	183.14	183.14	183.11	183.06	183.03	182.96	21
22	182.89	182.96	182.84	182.89	182.98	183.09	183.13	183.13	183.26	182.97	183.08	182.92	22
23	183.03	182.98	182.81	182.89	183.00	183.11	183.12	183.15	183.30	182.98	183.04	182.98	23
24	183.02	182.93	182.83	182.89	183.00	183.14	183.12	183.12	183.11	182.97	182.95	182.90	24
25	182.90	182.98	182.88	182.91	183.00	183.13	183.11	183.10	183.16	182.95	183.00	182.94	25
26	183.08	182.96	182.90	182.93	183.08	183.14	183.11	183.09	183.15	182.95	183.00	182.86	26
27	183.00	182.91	182.84	182.96	183.07	183.18	183.17	183.11	183.06	182.93	182.95	182.87	27
28	183.03	182.91	182.90	182.92	183.01	183.18	183.17	183.08	183.09	182.98	183.03	182.85	28
29	182.98		182.86	182.93	183.08	183.13	183.14	183.13	183.13	182.96	183.00	182.84	29
30	182.98		182.89	182.96	183.06	183.11	183.14	183.16	183.03	183.04	183.01	182.81	30
31	183.01		182.94		183.07		183.13	183.13		183.07		182.88	31
MEAN	183.02	182.97	182.88	182.91	182.99	183.10	183.15	183.13	183.12	183.04	183.05	182.91	MEAN
MAX	183.18	183.13	182.98	182.98	183.07	183.18	183.18	183.22	183.30	183.24	183.23	183.06	MAX
MIN	182.90	182.83	182.80	182.84	182.90	183.03	183.11	183.07	183.03	182.93	182.93	182.81	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 183.02
MAXIMUM DAILY, 183.30 ON SEP 23
MINIMUM DAILY, 182.80 ON MAR 28
MAXIMUM INSTANTANEOUS,
183.51 AT 01:45 EST ON SEP 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 31 45 N
LONG 84 36 06 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 10820 GROS CAP

LAKE SUPERIOR AT MICHIPICOTEN HARBOUR - STATION NO. 02SD004

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	182.97	182.93	182.92	182.81	182.89	182.98	183.08	183.06	183.07	182.98	182.97	182.84	1
2	182.89	182.90	182.85	182.85	182.88	182.98	183.07	183.08	183.07	183.08	182.94	182.88	2
3	182.92	182.97	182.78	182.80	182.88	183.01	183.09	183.07	183.04	183.07	182.93	182.88	3
4	182.84	182.98	182.84	182.87	182.84	182.87	183.09	183.08	183.04	183.03	182.93	182.85	4
5	182.84	182.87	182.87	182.88	182.92	182.98	183.07	183.08	183.09	182.98	182.98	182.89	5
6	182.85	182.84	182.82	182.88	182.93	182.98	183.08	183.10	183.08	183.06	183.00	182.90	6
7	182.80	182.97	182.78	182.85	182.93	182.98	183.10	183.07	183.08	183.02	182.94	182.88	7
8	183.04	182.98	182.82	182.87	182.93	182.98	183.08	183.07	183.06	182.98	182.92	182.85	8
9	183.00	182.97	182.82	182.88	182.92	183.05	183.05	183.08	183.08	182.98	183.00	182.85	9
10	183.00	182.97	182.81	182.87	182.91	183.05	183.11	183.04	183.06	182.98	182.98	183.07	10
11	182.80	182.85	182.82	182.83	182.92	183.02	183.08	183.05	183.05	182.95	183.04	182.82	11
12	183.07	182.82	182.81	182.86	182.93	183.00	183.08	183.05	183.08	183.01	182.97	182.CO	12
13	183.01	182.93	182.86	182.84	182.93	183.03	183.09	183.04	183.05	182.98	182.93	182.78	13
14	182.98	182.95	182.83	182.87	182.92	183.05	183.08	183.08	183.05	182.94	182.93	182.80	14
15	183.02	182.84	182.84	182.88	182.93	183.07	183.07	183.05	183.05	182.94	182.94	182.83	15
16	182.88	182.81	182.88	182.85	182.92	183.08	183.07	183.05	183.05	182.95	182.99	182.85	16
17	182.98	182.80	182.84	182.89	182.91	183.07	183.07	183.04	183.04	182.94	182.98	182.81	17
18	182.84	182.83	182.85	182.87	182.91	183.08	183.07	183.02	183.02	182.94	182.97	182.84	18
19	182.98	182.82	182.82	182.87	182.91	183.07	183.08	183.03	183.05	182.93	182.98	182.87	19
20	182.97	182.87	182.84	182.87	182.98	183.05	183.07	183.08	183.08	182.98	182.99	182.85	20
21	182.95	182.88	182.84	182.85	182.99	183.04	183.08	183.07	183.05	182.98	182.92	182.85	21
22	182.95	182.86	182.81	182.82	182.84	183.04	183.05	183.05	183.12	182.93	182.92	182.84	22
23	182.96	182.84	182.78	182.84	182.86	183.07	183.05	183.08	183.08	182.93	182.95	182.88	23
24	182.93	182.83	182.80	182.85	182.95	183.04	183.05	183.05	183.03	182.92	182.89	182.88	24
25	182.89	182.84	182.83	182.86	182.96	183.08	183.05	183.04	183.07	182.91	182.93	182.83	25
26	182.99	182.87	182.78	182.87	183.01	183.08	183.08	183.05	183.03	182.92	182.90	182.79	26
27	182.94	182.88	182.81	182.87	183.01	183.09	183.09	183.08	183.00	182.92	182.88	182.82	27
28	182.98	182.85	182.79	182.87	182.97	183.11	183.07	183.08	183.06	182.93	182.90	182.77	28
29	182.94		182.80	182.88	182.98	183.05	183.08	183.08	183.04	182.93	182.94	182.78	29
30	182.98		182.83	182.89	183.00	183.06	183.05	183.10	182.98	182.98	182.89	182.78	30
31	182.92		182.85		183.00		183.08	183.04		182.86		182.80	31
MEAN	182.98	182.92	182.83	182.86	182.94	183.04	183.07	183.08	183.08	182.97	182.95	182.84	MEAN
MAX	183.07	182.98	182.92	182.89	183.01	183.11	183.11	183.10	183.12	183.08	183.04	182.80	MAX
MIN	182.89	182.83	182.78	182.80	182.87	182.98	183.08	183.02	182.98	182.91	182.88	182.78	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 182.98
MAXIMUM DAILY, 183.12 ON SEP 22
MINIMUM DAILY, 182.78 ON DEC 30
MAXIMUM INSTANTANEOUS,
183.32 AT 03:00 EST ON JUL 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 57 44 N
LONG 84 54 02 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1985)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 10750 MICHIPICOTEN

LAKE SUPERIOR AT ROSSPORT - STATION NO. 02SA004

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	182.94	182.88	182.82	182.78	182.88	182.97	183.08	183.04	183.03	182.97	182.92	182.88	1
2	182.94	182.87	182.81	182.82	182.88	182.98	183.08	183.04	183.04	182.98	182.91	182.81	2
3	182.93	182.86	182.78	182.78	182.88	182.98	183.08	183.07	183.02	182.98	182.91	182.85	3
4	182.86	182.88	182.77	182.80	182.88	182.98	183.08	183.06	183.06	182.98	182.93	182.85	4
5	182.97	182.88	182.81	182.82	182.93	182.97	183.08	183.06	183.06	182.95	182.94	182.84	5
6	182.88	182.88	182.78	182.81	182.90	182.97	183.08	183.03	183.04	182.95	182.93	182.81	6
7	182.92	182.90	182.80	182.82	182.91	182.95	183.09	183.05	183.06	182.92	182.93	182.82	7
8	182.84	182.85	182.82	182.84	182.90	182.96	183.09	183.05	183.06	182.92	182.95	182.83	8
9	182.98	182.88	182.80	182.82	182.90	183.00	183.09	183.04	183.06	182.93	182.94	182.83	9
10	182.94	182.88	182.80	182.83	182.90	183.02	183.09	183.03	183.05	182.92	182.94	182.79	10
11	182.89	182.87	182.78	182.82	182.90	183.01	183.07	183.03	183.03	182.93	182.93	182.80	11
12	182.88	182.90	182.79	182.81	182.88	182.99	183.07	183.03	183.06	182.95	182.91	182.81	12
13	183.00	182.90	182.82	182.83	182.90	183.00	183.08	183.03	183.03	182.92	182.91	182.80	13
14	183.00	182.88	182.79	182.84	182.91	183.03	183.07	183.02	183.03	182.90	182.89	182.77	14
15	182.96	182.83	182.79	182.84	182.92	183.04	183.08	183.03	183.03	182.89	182.87	182.80	15
16	182.95	182.84	182.83	182.84	182.91	183.04	183.08	183.02	183.02	182.86	182.84	182.80	16
17	182.93	182.84	182.80	182.83	182.91	183.05	183.06	183.02	183.01	182.89	182.89	182.79	17
18	182.93	182.85	182.81	182.85	182.92	183.05	183.08	183.02	183.02	182.89	182.89	182.81	18
19	182.93	182.84	182.79	182.84	182.92	183.05	183.06	183.02	183.03	182.86	182.92	182.80	19
20	182.93	182.83	182.79	182.83	182.94	183.03	183.08	183.03	183.02	182.87	182.88	182.78	20
21	182.86	182.81	182.80	182.82	182.86	183.03	183.08	183.02	183.03	182.87	182.87	182.74	21
22	182.93	182.79	182.79	182.81	182.85	183.04	183.05	183.03	183.01	182.91	182.89	182.76	22
23	182.93	182.82	182.78	182.82	182.86	183.06	183.08	183.04	183.06	182.90	182.87	182.83	23
24	182.90	182.84	182.80	182.83	182.84	183.06	183.08	183.03	183.02	182.89	182.87	182.79	24
25	182.92	182.82	182.79	182.82	182.89	183.04	183.08	183.03	183.00	182.90	182.87	182.74	25
26	182.94	182.78	182.79	182.84	182.88	183.08	183.06	183.02	182.97	182.91	182.84	182.78	26
27	182.93	182.80	182.80	182.83	182.89	183.07	183.07	183.06	182.98	182.93	182.83	182.77	27
28	182.84	182.81	182.78	182.83	182.89	183.08	183.08	183.05	183.00	182.92	182.84	182.74	28
29	182.93		182.78	182.81	182.87	183.08	183.08	183.08	182.97	182.92	182.87	182.78	29
30	182.93		182.78	182.83	182.88	183.08	183.08	183.08	182.98	182.92	182.87	182.77	30
31	182.88		182.79		183.00	183.05	183.08	183.03		182.90	182.83	182.78	31
MEAN	182.94	182.85	182.80	182.82	182.93	183.02	183.07	183.04	183.02	182.93	182.88	182.80	MEAN
MAX	183.00	182.90	182.83	182.85	183.00	183.08	183.08	183.07	183.06	182.97	182.95	182.88	MAX
MIN	182.88	182.78	182.77	182.78	182.86	182.96	183.06	183.02	182.97	182.87	182.83	182.74	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 182.93
MAXIMUM DAILY, 183.08 ON JUL 2
MINIMUM DAILY, 182.74 ON DEC 26
MAXIMUM INSTANTANEOUS,
183.26 AT 19:48 EST ON JUL 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 50 02 N
LONG 87 31 10 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1985)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 10220 ROSSPORT

LAKE SUPERIOR AT THUNDER BAY - STATION NO. 02AB015

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	183.08	183.05	182.89	182.91	182.97	183.08	183.18	183.19	183.11	183.10	182.98	182.88	1
2	183.04	182.95	182.91	182.91	182.96	183.07	183.16	183.18	183.12	183.01	183.00	182.88	2
3	183.08	182.95	182.90	182.90	182.97	183.06	183.17	183.18	183.13	183.00	183.02	182.92	3
4	183.07	182.97	182.88	182.89	182.96	183.06	183.17	183.16	183.18	183.02	183.02	182.94	4
5	183.05	182.96	182.90	182.91	182.96	183.07	183.17	183.14	183.18	183.05	183.01	182.90	5
6	183.04	182.96	182.89	182.91	182.97	183.08	183.18	183.12	183.14	183.00	183.00	182.85	6
7	183.05	182.97	182.93	182.92	182.98	183.08	183.16	183.13	183.16	183.02	183.03	182.86	7
8	183.01	182.90	182.93	182.90	182.98	183.08	183.18	183.13	183.13	183.03	183.05	182.91	8
9	183.06	182.96	182.91	182.90	182.98	183.08	183.17	183.14	183.12	183.05	182.98	182.91	9
10	183.02	182.96	182.90	182.92	182.98	183.10	183.16	183.13	183.12	183.03	183.01	182.87	10
11	183.08	182.94	182.87	182.93	182.98	183.11	183.14	183.13	183.13	183.05	182.98	182.88	11
12	183.00	182.98	182.90	182.90	182.97	183.12	183.16	183.13	183.12	183.04	183.00	182.89	12
13	183.06	182.97	182.90	182.94	182.98	183.12	183.16	183.13	183.12	183.02	183.00	182.93	13
14	183.07	182.94	182.89	182.93	182.98	183.13	183.15	183.12	183.13	183.02	182.99	182.88	14
15	183.00	182.90	182.89	182.94	182.99	183.13	183.16	183.12	183.12	183.00	182.98	182.87	15
16	183.03	182.91	182.89	182.94	183.00	183.13	183.15	183.11	183.12	182.98	182.91	182.88	16
17	183.01	182.91	182.88	182.91	183.00	183.14	183.16	183.12	183.11	182.99	182.98	182.89	17
18	183.03	182.93	182.88	182.93	183.01	183.15	183.14	183.13	183.13	182.98	182.98	182.88	18
19	183.01	182.93	182.90	182.93	183.01	183.15	183.14	183.14	183.12	182.99	183.00	182.88	19
20	183.01	182.92	182.88	182.92	183.02	183.15	183.14	183.13	183.10	182.97	182.89	182.84	20
21	183.08	182.90	182.89	182.93	183.02	183.16	183.15	183.13	183.11	182.98	182.94	182.83	21
22	183.03	182.88	182.89	182.93	183.04	183.16	183.14	183.14	183.09	183.02	182.94	182.84	22
23	183.01	182.92	182.90	182.92	183.03	183.16	183.14	183.14	183.08	183.01	182.93	182.86	23
24	182.99	182.95	182.89	182.93	183.03	183.16	183.15	183.14	183.12	183.00	182.97	182.87	24
25	183.03	182.91	182.89	182.93	183.08	183.16	183.15	183.14	183.07	183.01	182.94	182.83	25
26	182.99	182.87	182.90	182.93	183.08	183.16	183.15	183.14	183.08	183.02	182.94	182.85	26
27	183.01	182.91	182.86	182.93	183.08	183.16	183.13	183.13	183.10	183.03	182.92	182.85	27
28	182.99	182.90	182.87	182.93	183.07	183.15	183.14	183.14	183.07	183.01	182.91	182.84	28
29	183.01		182.89	182.93	183.04	183.17	183.14	183.13	183.05	183.01	182.93	182.84	29
30	183.01		182.89	182.94	183.08	183.19	183.14	183.12	183.09	182.98	182.93	182.88	30
31	182.97		182.88		183.07		183.15	183.13		182.98		182.84	31
MEAN	183.03	182.93	182.89	182.92	183.01	183.12	183.15	183.13	183.11	183.01	182.97	182.86	MEAN
MAX	183.08	182.98	182.93	182.94	183.08	183.19	183.18	183.18	183.18	183.10	183.05	182.98	MAX
MIN	182.97	182.87	182.87	182.89	182.96	183.06	183.13	183.11	183.04	182.97	182.89	182.83	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 183.01
MAXIMUM DAILY, 183.19 ON JUN 30
MINIMUM DAILY, 182.83 ON DEC 21
MAXIMUM INSTANTANEOUS,
183.37 AT 07:45 EST ON JUL 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 24 34 N
LONG 89 13 01 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1985)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 10080 THUNDER BAY

LAKE TIMISKAMING AT HAILEYBURY - STATION NO. 02JE011

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.027	4.076	2.104	1.795	2.975	5.376	5.276	5.078	4.691	4.447	4.823	5.322	1
2	5.018	4.003	2.088	1.801	3.582	5.368	5.248	5.088	4.688	4.442	4.838	5.313	2
3	5.008	3.944	2.068	1.803	3.908	5.374	5.224	5.084	4.680	4.427	4.858	5.283	3
4	4.989	3.889	1.983	1.834	3.936	5.347	5.234	5.051	4.634	4.421	4.878	5.261	4
5	4.981	3.773	1.909	1.870	3.990	5.299	5.238	5.038	4.615	4.427	4.897	5.267	5
6	4.967	3.679	1.867	1.901	3.211	5.277	5.220	5.003	4.602	4.444	4.727	5.211	6
7	4.959	3.591	1.825	1.929	3.337	5.287	5.189	4.973	4.593	4.438	4.788	5.178	7
8	4.958	3.489	1.795	1.942	3.376	5.266	5.178	4.954	4.581	4.428	4.800	5.182	8
9	4.960	3.383	1.783	1.971	3.888	5.303	5.156	4.952	4.587	4.421	4.826	5.137	9
10	4.961	3.279	1.743	1.998	3.788	5.468	5.179	4.953	4.583	4.426	4.848	5.102	10
11	4.941	3.188	1.720	2.010	3.982	5.506	5.188	4.938	4.574	4.431	4.878	5.088	11
12	4.931	3.081	1.885	2.025	4.102	5.470	5.208	4.914	4.568	4.438	4.901	5.072	12
13	4.925	2.995	1.992	2.030	4.208	5.434	5.224	4.888	4.564	4.442	4.925	5.058	13
14	4.912	2.904	1.973	2.038	4.310	5.378	5.248	4.878	4.561	4.444	4.948	5.042	14
15	4.883	2.818	1.972	2.049	4.389	5.314	5.288	4.883	4.559	4.448	4.972	5.032	15
16	4.868	2.740	1.884	2.099	4.454	5.270	5.268	4.885	4.556	4.451	5.019	5.004	16
17	4.829	2.678	1.885	2.230	4.512	5.228	5.284	4.878	4.548	4.458	5.067	4.978	17
18	4.789	2.629	1.878	2.350	4.578	5.213	5.313	4.875	4.540	4.457	5.098	4.943	18
19	4.774	2.574	1.872	2.443	4.647	5.204	5.328	4.858	4.542	4.456	5.127	4.927	19
20	4.744	2.518	1.858	2.508	4.720	5.201	5.320	4.840	4.542	4.478	5.155	4.906	20
21	4.712	2.466	1.853	2.571	4.800	5.204	5.314	4.820	4.538	4.480	5.182	4.882	21
22	4.685	2.411	1.858	2.624	4.935	5.229	5.305	4.817	4.538	4.491	5.227	4.888	22
23	4.610	2.378	1.854	2.663	5.057	5.261	5.294	4.802	4.501	4.515	5.267	4.888	23
24	4.588	2.338	1.845	2.701	5.167	5.282	5.278	4.780	4.491	4.524	5.288	4.868	24
25	4.539	2.293	1.828	2.748	5.250	5.278	5.280	4.775	4.494	4.537	5.307	4.821	25
26	4.500	2.234	1.814	2.781	5.307	5.275	5.272	4.788	4.472	4.547	5.308	4.787	26
27	4.434	2.188	1.829	2.852	5.368	5.283	5.215	4.748	4.470	4.563	5.317	4.789	27
28	4.358	2.148	1.863	2.900	5.389	5.288	5.181	4.720	4.460	4.573	5.322	4.773	28
29	4.272		1.796	2.922	5.374	5.288	5.148	4.723	4.443	4.580	5.335	4.782	29
30	4.213		1.781	2.944	5.367	5.285	5.117	4.689	4.441	4.591	5.318	4.748	30
31	4.151		1.781		5.360		5.088	4.691		4.608		4.740	31
MEAN	4.788	2.987	1.749	2.278	4.314	5.308	5.232	4.862	4.553	4.478	5.007	5.008	MEAN
MAX	5.027	4.076	2.104	2.944	5.389	5.506	5.328	5.078	4.691	4.608	5.335	5.322	MAX
MIN	4.151	2.148	1.814	1.795	2.975	5.201	5.088	4.691	4.441	4.421	4.823	4.740	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 4.232
MAXIMUM DAILY, 5.506 ON JUN 11
MINIMUM DAILY, 1.814 ON MAR 26
MAXIMUM INSTANTANEOUS,
5.518 AT 01:44 EST ON JUN 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 27 02 N
LONG 79 37 50 W

REGULATED SINCE 1910

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 174.041 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - STATION FORMERLEY CALLED OTTAWA RIVER AT LAKE TIMISKAMING

LARDER RIVER ABOVE RAVEN LAKE - STATION NO. 02JC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.08A	2.12	1.60	5.05	8.22	13.8	3.18	2.08	1.63	0.738	0.882	2.33	1
2	2.83A	2.16	1.61	5.86	9.08	13.6	3.21	2.04	1.56	0.713	1.00	2.31	2
3	2.87A	2.16	1.58	5.78	10.6	13.2	3.18	2.00	1.48	0.719	1.05	2.32	3
4	2.74A	2.13	1.55	5.88	11.5	12.8	3.36	1.87	1.40	0.722	1.04	2.34	4
5	2.72A	2.08	1.61	5.88	12.3	12.0	3.33	2.26	1.37	0.885	1.08	2.34	5
6	2.70A	2.12	1.53	5.88	13.0	11.8	3.28	3.50	1.32	0.885	1.33	2.28	6
7	2.73	2.09	1.54	5.46	13.3	7.13	3.21	3.47	1.28	0.883	1.46	2.24	7
8	2.81	2.07	1.57	5.28	14.3	1.67	3.01	3.35	1.31	0.888	1.51	2.18	8
9	2.80	2.01	1.56	5.02	14.8	2.17	2.98	3.18	1.33	0.888	1.62	2.21	9
10	2.82	1.97	1.48	4.88	14.8	2.89	3.47	3.18	1.32	0.889	1.77	2.20	10
11	2.74A	1.98	1.54	4.78	14.8	3.17	3.64	3.04	1.28	0.871	1.88	2.18	11
12	2.70A	1.97	1.47	4.82	14.6	3.20	3.50	2.88	1.24	0.883	2.02	2.16	12
13	2.66	1.94	1.43	4.88	14.3	3.24	3.33	2.81	1.24	0.712	1.83	1.86	13
14	2.64	1.92	1.44	4.80	14.4	3.28	3.20	2.82	1.15	0.706	1.87	1.88	14
15	2.62	1.93	1.50	4.87	14.3	3.29	3.13	2.91	1.10	0.710	2.00	1.88	15
16	2.64	1.80	1.53	4.87	14.2	3.30	3.02	3.00	1.07	0.707	2.30	1.83	16
17	2.50	1.81	1.53	4.83	13.8	3.38	2.98	2.82	1.08	0.708	2.40	1.86	17
18	2.47	1.81	1.52	5.17	13.4	3.42	2.93	2.78	1.02	0.711	2.40	1.88	18
19	2.48	1.80	1.50	5.43	12.9	3.38	2.88	2.83	0.980	0.879	2.40	1.88	19
20	2.48	1.82	1.48	5.70	12.5	3.83	2.78	2.82	0.923	0.888	2.44	1.88	20
21	2.33	1.80	4.16	5.84	13.2	4.24	2.64	2.48	0.885	0.886	2.47	1.89	21
22	2.36	1.76	7.85	6.10	14.7	4.12	2.87	2.35	0.989	0.705	2.45	1.88	22
23	2.37	1.70	7.23	6.27	14.8	4.15	2.80	2.38	0.986	0.736	2.29	1.91	23
24	2.32	1.70	6.74	6.39	14.6	4.08	2.48	2.26	0.928	0.754	2.28	1.88	24
25	2.19	1.88	6.61	6.57	14.3	4.02	2.37	2.08	0.882	0.769	2.30	1.83	25
26	2.18	1.87	6.30	6.84	14.6	3.88	2.48	1.98	0.888	0.785	2.28	1.79	26
27	2.16	1.88	6.18	7.46	15.1	3.78	2.47	1.83	0.828	0.775	2.30	1.88A	27
28	2.18	1.81	6.40	7.82	14.8	3.87	2.42	1.88	0.772	0.784	2.33	1.87	28
29	2.18		6.48	8.31	14.6	3.46	2.28	1.82	0.758	0.788	2.33	1.87A	28
30	2.14		6.37	8.73	14.4	3.28	2.17	1.81	0.780	0.828	2.30	1.83	30
31	2.17		6.24		14.1		2.10	1.87		0.902		1.88	31
TOTAL	78.68	53.27	100.72	174.73	421.88	183.31	88.87	77.89	33.882	22.493	57.802	61.85	TOTAL
MEAN	2.83	1.90	3.25	5.82	13.6	6.44	2.90	2.52	1.13	0.726	1.83	1.98	MEAN
MAX	3.08	2.16	7.85	8.73	15.1	13.8	3.64	3.50	1.63	0.902	2.47	2.34	MAX
MIN	2.14	1.81	1.43	4.80	8.22	1.67	2.10	1.87	0.780	0.685	0.882	1.83	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.86
MAXIMUM DAILY, 15.1 ON MAY 27
MINIMUM DAILY, 0.685 ON OCT 10
MAXIMUM INSTANTANEOUS,
15.4 AT 18:33 EST ON MAY 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 01 34 N
LONG 79 34 41 W
DRAINAGE AREA, 258 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 780	JUL	7 770
FEB	4 800	AUG	8 740
MAR	8 700	SEP	2 810
APR	15 100	OCT	1 940
MAY	36 500	NOV	5 000
JUN	14 100	DEC	5 330

TOTAL DISCHARGE, 115 000 dam³

LAUREL CREEK AT WATERLOO - STATION NO. 02GA024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.395	1.35 B	0.121	1.31	0.077	1.88	0.088	0.037	0.227	0.028	0.588	0.5008	1
2	0.330	0.8358	0.148	0.868	0.065	3.38	0.083	0.034	0.035	0.042	0.803	0.2508	2
3	0.261	0.8098	0.157	1.33	0.068	1.77	0.078	0.037	0.023	0.033	0.831	0.1888	3
4	0.351	0.3888	0.212	1.52	0.083	1.44	0.078	0.298	0.022	0.028	0.478	0.1508	4
5	0.880	0.2308	0.218	1.09	0.367	0.818	0.068	0.080	0.022	0.034	0.480	0.1478	5
6	0.805	0.2108	0.188	1.04	0.380	0.487	0.060	0.030	0.024	0.038	0.884	0.1438	6
7	0.818	0.1918	0.267	1.09	0.832	0.430	0.055	0.027	0.025	0.031	0.834	0.1438	7
8	3.15	0.1648	0.183	1.21	0.180	0.368	0.055	0.031	0.026	0.021	0.839	0.1418	8
9	1.15 B	0.3008	0.181	1.11	0.088	0.318	0.054	0.028	0.078	0.028	0.808	0.120	9
10	0.9008	0.2188	0.244	0.888	0.073	0.808	0.052	0.036	0.034	0.703	0.448	0.122	10
11	0.8988	0.1848	0.838	0.483	0.188	0.483	0.048	0.030	0.028	0.128	0.431	0.148	11
12	0.8208	0.1288	0.832	0.488	0.530	0.433	0.052	0.027	0.027	0.188	0.803	0.128	12
13	0.7178	0.1408	0.811	0.822	0.184	0.282	0.048	0.030	0.027	0.243	0.378	0.114	13
14	0.6618	0.3308	1.72	0.488	0.121	0.248	0.042	0.028	0.042	0.184	1.22	0.108	14
15	0.398	0.382	3.74	1.08	0.183	0.219	0.038	0.537	0.038	0.088	2.44	0.101	15
16	0.343	0.234	2.28	0.481	0.288	0.188	0.038	0.088	0.036	0.088	1.82	0.0888	16
17	0.318	0.182	1.16	0.474	0.388	0.488	0.038	0.014	0.081	0.182	0.888	0.0888	17
18	0.312	0.288	0.720	0.487	0.288	0.217	0.041	0.016	0.028	0.187	0.853	0.0848	18
19	0.322	0.184	0.877	0.412	0.085	0.238	0.084	0.028	0.027	0.284	0.795	0.0828	19
20	0.2808	0.181	0.3878	0.373	0.180	0.324	0.080	0.030	0.028	0.534	1.07	0.0808	20
21	0.2538	0.203	0.4088	0.384	0.212	0.244	0.051	0.030	0.031	0.384	1.12	0.0708	21
22	0.333	0.181	0.3488	0.153	0.288	2.12	0.090	0.032	0.088	0.215	1.04	0.0888	22
23	0.307	0.188	0.3388	0.135	0.348	1.13	0.048	0.031	0.100	0.175	0.913	0.0808	23
24	0.287	0.274	0.870	0.138	0.304	0.708	0.043	0.029	0.027	0.133	0.810	0.0788	24
25	0.272	0.251	3.26	0.110	0.280	0.488	0.043	0.027	0.027	0.184	0.808	0.0738	25
26	1.48	0.228	3.36	0.088	0.878	0.287	0.043	0.032	0.028	0.228	0.288	0.0728	26
27	0.823	0.184	2.71	0.083	0.381	0.200	0.348	0.034	0.027	0.224	0.280	0.0718	27
28	0.788	0.138	3.34	0.082	0.380	0.180	0.082	0.034	0.027	0.224	0.701	0.0708	28
29	0.881		3.88	0.118	0.288	0.131	0.031	0.028	0.028	0.218	0.728	0.0888	29
30	1.88		1.78	0.074	1.80	0.117	0.027	0.027	0.027	0.220	0.878	0.0708	30
31	1.28		1.80		1.80		0.027	0.028		0.845		0.383	31
TAL	21.853	8.405	34.883	17.888	10.488	19.888	1.877	1.788	1.288	8.788	23.830	4.048	TOTAL
MEAN	0.888	0.300	1.13	0.585	0.338	0.888	0.084	0.057	0.042	0.186	0.784	0.131	MEAN
MAX	3.15	1.35	3.74	1.52	1.80	3.38	0.348	0.537	0.227	0.703	2.44	0.500	MAX
MIN	0.253	0.128	0.121	0.083	0.033	0.117	0.027	0.014	0.023	0.028	0.398	0.088	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.418
MAXIMUM DAILY, 3.74 ON MAR 15
MINIMUM DAILY, 0.014 ON AUG 17
MAXIMUM INSTANTANEOUS,
10.8 AT 01:25 EST ON JUN 22

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 26 06 N
LONG 80 31 06 W
DRAINAGE AREA, 88.8 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 870	JUL	171
FEB	728	AUG	183
MAR	3 010	SEP	108
APR	1 040	OCT	488
MAY	808	NOV	2 030
JUN	1 730	DEC	350

TOTAL DISCHARGE, 13 100 dam³

LITTLE CURRENT RIVER AT PERCY LAKE - STATION NO. 04JF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	41.8	27.8	20.0	15.0	22.3	223	61.9	41.7	25.1	15.7	15.4	14.3	1
2	40.5	27.1	19.9	14.8	24.3	216	60.5	41.3	24.8	15.2	15.3	14.1	2
3	40.0	26.8	19.7	14.8	27.8	211	78.8	40.8	23.8	15.4	15.2	13.8	3
4	39.5	26.8	19.3	14.7	32.2	205	78.8	40.6	23.4	15.5	15.4	13.8	4
5	39.0	26.4	19.0	14.7	39.1	201	78.7	40.2	23.5	15.7	15.5	13.9	5
6	38.4	26.2	18.7	14.8	48.4	198	76.2	40.0	22.8	15.1	15.8	13.8	6
7	37.8	26.0	18.5	14.8	61.4	190	73.1	39.3	22.4	15.1	15.7	13.4	7
8	37.3	25.8	18.3	14.8	74.9	184	71.8	38.6	22.1	15.9	15.8	13.3	8
9	36.7	25.3	18.1	14.8	88.1	178	71.2	38.0	21.3	15.9	17.1	13.2	9
10	36.3	25.0	18.0	14.8	103	172	71.1	37.8	21.0	15.8	17.3	13.0	10
11	35.8	24.8	17.8	14.3	117	165	88.4	37.3	20.8	15.9	17.8	12.9	11
12	35.4	24.5	17.7	14.2	131	158	86.0	37.1	20.0	16.1	17.3	12.8	12
13	35.0	24.1	17.5	14.1	147	152	86.0	36.7	19.7	15.9	17.2	12.7	13
14	34.5	23.8	17.3	14.0	163	146	83.7	36.8	19.2	15.5	17.1	12.5	14
15	34.1	23.5	17.1	14.1	180	139	82.1	36.3	18.8	15.5	17.0	12.5	15
16	33.8	23.4	16.9	14.3	194	133	80.3	35.8	18.4	15.9	17.0	12.4	16
17	33.3	23.1	16.8	14.3	204	127	68.8	35.0	18.0	15.6	16.9	12.3	17
18	32.9	22.8	16.7	14.5	213	122	57.5	34.4	17.8	15.6	16.9	12.2	18
19	32.3	22.5	16.5	14.7	218	117	55.0	33.5	17.3	15.6	16.9	12.1	19
20	31.8	22.3	16.5	14.9	223	112	54.4	32.9	17.4	15.6	17.0	12.0	20
21	31.4	22.0	16.4	15.1	231	106	53.1	32.2	17.2	15.5	16.8	11.9	21
22	31.2	21.8	16.2	15.4	237	101	51.8	31.3	17.8	15.5	16.8	11.8	22
23	31.0	21.6	16.0	15.8	240	96.3	50.7	30.5	18.0	15.5	16.1	11.7	23
24	30.8	21.4	15.8	15.2	241	92.6	49.5	29.8	17.8	15.5	15.8	11.6	24
25	30.1	21.1	15.7	15.7	244	90.5	48.3	29.1	17.2	15.5	15.6	11.5	25
26	29.6	20.9	15.6	17.3	245	86.7	47.6	28.3	16.8	15.5	15.3	11.4	26
27	29.3	20.7	15.5	17.8	243	87.7	46.8	27.9	16.6	15.5	15.1	11.3	27
28	28.9	20.4	15.4	18.7	241	88.7	45.7	27.1	16.5	15.6	14.9	11.3	28
29	28.5		15.3	19.7	237	85.1	44.7	26.7	16.1	15.5	14.7	11.2	29
30	28.1		15.2	20.6	234	83.4	43.8	26.2	15.6	15.7	14.6	11.2	30
31	27.8		15.1		229		42.4	25.8		15.7		11.1	31
TOTAL	1 051.8	667.4	532.7	483.4	4 933.8	4 286.0	1 895.8	1 068.5	588.5	488.4	483.4	386.6	TOTAL
MEAN	33.9	23.9	17.2	15.4	159	142	61.1	34.5	19.6	15.8	15.4	12.5	MEAN
MAX	41.5	27.5	20.0	20.6	245	223	61.9	41.7	25.1	16.4	17.8	14.3	MAX
MIN	27.8	20.4	15.1	14.0	22.3	83.4	42.4	25.8	15.6	15.5	14.6	11.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 48.1
MAXIMUM DAILY, 245 ON MAY 26
MINIMUM DAILY, 11.1 ON DEC 31
MAXIMUM INSTANTANEOUS,
249 AT 15:26 EST ON MAY 26

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 39 30 N
LONG 88 31 55 W
DRAINAGE AREA, 5 380 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	90 800	JUL	164 000
FEB	57 700	AUG	92 300
MAR	48 000	SEP	50 700
APR	40 000	OCT	42 200
MAY	428 000	NOV	42 800
JUN	369 000	DEC	33 400

TOTAL DISCHARGE, 1 450 000 dam³

LITTLE DON RIVER AT DON MILLS - STATION NO. 02HC039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.611	1.26	0.848	0.809	0.838	2.13	0.834	0.496	4.80	0.514	1.71	0.701	1
2	0.648	0.873	0.818	0.737	3.12	5.89	0.528	3.08	1.03	1.55	1.16	0.6908	2
3	0.691	0.633	0.811	3.17	1.07	1.18	0.516	0.800	0.574	0.601	0.833	0.588	3
4	0.5188	0.595	0.6908	3.48	0.812	2.22	0.534	11.9	0.522	0.533	0.700	0.701	4
5	0.7388	0.598	0.6908	1.48	3.47	0.776	0.568	3.85	0.543	0.569	0.752	0.784	5
6	0.7088	0.585	0.498	1.15	2.04	0.674	0.531	1.13	0.504	0.881	2.12	0.729	6
7	0.6158	0.586	0.5308	0.881	1.92	1.83	0.594	0.818	5.88	0.544	5.06	0.881	7
8	5.83	0.5488	0.586	0.883	1.81	1.81	0.588	0.888	1.33	0.530	2.68	0.870	8
9	1.00	0.5408	0.572	0.889	0.881	0.704	0.510	0.888	0.752	0.511	3.82	0.958	9
10	0.767	0.5308	0.888	0.885	0.829	1.32	0.568	1.02	0.538	4.08	1.14	0.818	10
11	0.671	0.5208	1.01	0.880	2.88	0.838	0.507	0.803	0.548	1.74	1.22	0.582	11
12	1.88	0.582	0.818	1.01	8.30	0.898	0.510	0.597	0.527	0.888	1.07	0.885	12
13	0.870	0.711	0.838	1.78	2.12	0.885	0.488	0.687	0.510	0.886	0.772	0.578	13
14	0.885	1.82	1.74	0.847	1.28	0.827	0.481	1.07	0.913	2.88	8.18	0.883	14
15	0.788	0.822	8.33	2.30	1.07	0.874	0.484	1.83	0.838	1.43	10.1	0.893	15
16	0.801	0.548	1.18	0.881	0.888	0.817	0.487	1.21	1.18	1.05	8.70	0.887	16
17	0.708	0.5288	0.888	1.24	0.880	2.42	0.501	0.812	1.48	2.48	1.83	0.884	17
18	0.788	0.5208	0.730	1.06	0.833	1.12	0.4988	0.858	0.808	1.38	1.32	0.838	18
19	0.617	0.5108	0.880	0.818	0.809	0.880	0.818	0.834	0.570	1.33	1.02	0.841	19
20	0.683	0.537	0.803	0.778	1.81	3.48	0.532	2.40	0.541	8.82	2.71	0.824	20
21	0.6488	1.77	1.23	0.741	1.22	4.11	0.485	0.882	0.535	2.74	1.83	0.5308	21
22	0.6158	1.04	1.10	0.881	0.743	8.48	0.888	0.808	8.78	1.08	0.9008	0.5208	22
23	0.585	0.6708	1.08	0.843	0.887	1.83	0.788	0.585	4.52	0.804	0.7808	0.5188	23
24	0.633	0.6408	2.85	0.812	0.888	0.972	0.488	0.548	0.831	0.781	0.7908	0.5188	24
25	0.572	0.6208	8.97	0.827	0.888	0.783	1.38	0.497	0.879	0.780	0.800	0.5208	25
26	7.17	0.6408	4.25	0.713	1.08	0.881	5.58	0.481	0.814	0.714	0.947	0.5808	26
27	1.38	0.7008	2.33	0.728	0.882	0.885	3.97	0.481	0.570	0.678	1.18	0.5808	27
28	0.893	0.5808	2.31	0.707	0.887	0.807	1.26	0.485	0.589	0.842	4.00	0.5808	28
29	1.02		1.70	1.47	0.808	0.542	0.787	0.538	0.523	0.812	1.00	0.5108	29
30	2.87		1.24	1.18	3.82	0.830	0.881	0.526	0.481	0.806	0.887	0.5208	30
31	1.32		0.888		1.88		0.847	0.484		5.12		1.87	31
TOTAL	38.803	20.140	48.881	34.808	48.887	49.100	28.884	40.824	40.337	47.088	84.831	19.843	TOTAL
MEAN	1.28	0.719	1.82	1.18	1.81	1.84	0.870	1.31	1.34	1.82	2.18	0.630	MEAN
MAX	7.17	1.77	8.97	3.48	8.30	8.48	8.58	11.9	8.78	8.82	10.1	1.87	MAX
MIN	0.518	0.510	0.488	0.812	0.887	0.827	0.484	0.481	0.481	0.511	0.700	0.518	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.31
MAXIMUM DAILY, 11.9 ON AUG 4
MINIMUM DAILY, 0.481 ON AUG 28
MAXIMUM INSTANTANEOUS,
50.6 AT 17:44 EST ON AUG 4

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 45 37 N
LONG 79 20 42 W
DRAINAGE AREA, 130 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 420	JUL	2 230
FEB	1 740	AUG	3 500
MAR	2 080	SEP	3 480
APR	2 980	OCT	4 070
MAY	4 310	NOV	5 800
JUN	4 240	DEC	1 880

TOTAL DISCHARGE, 41 400 dam³

LITTLE FRENCH RIVER AT OKIKENDAWT ISLAND - STATION NO. 02DD020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	49.8	34.8	23.2	26.8	63.6	72.7	25.5	22.8	21.1	18.1	16.8	14.1	1
2	48.4	33.3	23.8	26.2	63.8	72.5	25.3	22.8	21.3	17.8	14.7	13.7	2
3	46.3	32.8	22.8	26.7	64.8	72.2	25.0	23.3	21.0	17.7	14.8	13.8	3
4	46.9	32.4	22.0	27.5	66.2	71.8	24.8	23.2	20.8	17.6	14.5	13.5	4
5	48.4	31.8	22.0	29.8	67.3	71.8	24.5	23.2	20.6	17.2	14.8	13.2	5
6	45.8	32.0	21.7	30.8	68.6	70.8	24.5	23.5	20.4	18.8	14.3	13.0	6
7	46.4	31.2	21.3	32.2	69.6	70.3	25.4	23.3	20.4	17.0	15.8	12.7	7
8	44.8	30.8	20.9	33.6	80.7	70.2	25.2	23.2	20.4	17.0	15.3	12.0	8
9	46.0	30.6	20.8	34.1	83.1	25.7	24.7	23.0	20.5	16.8	15.1	12.5	9
10	44.0	30.1	20.5	34.9	83.8	31.2	24.5	22.8	20.2	16.5	15.1	11.8	10
11	43.5	29.6	20.0	35.5	84.5	28.4	24.5	22.8	21.4	18.7	15.0	11.5	11
12	43.3	29.5	19.8	36.0	85.4	26.4	24.8	22.4	20.7	18.8	14.8	11.1	12
13	43.3	29.2	19.3	36.5	86.4	27.3	24.8	22.1	20.8	18.7	14.8	10.8	13
14	42.7	28.9	19.1	37.4	86.8	27.8	24.5	22.3	20.3	18.5	14.8	10.5	14
15	42.3	28.4	18.8	37.9	87.5	27.8	24.4	21.9	20.1	18.1	14.8	10.5	15
16	41.5	28.0	18.0	38.0	87.8	27.6	24.2	22.0	19.8	18.1	14.6	10.3	16
17	40.8	27.3	18.8	38.8	88.3	27.7	24.0	22.8	19.8	18.8	15.8	10.1	17
18	40.3	27.0	18.4	40.2	88.8	26.2	23.8	22.8	19.8	18.8	15.8	9.90	18
19	38.8	26.8	18.3	41.7	88.0	28.0	23.7	22.3	19.7	18.1	15.8	9.88	19
20	38.1	26.8	18.9	43.1	88.4	27.8	23.8	22.8	19.8	18.8	15.7	9.88	20
21	38.5	25.8	18.9	44.2	88.5	27.7	23.8	21.9	19.8	18.3	15.7	9.88	21
22	38.7	26.4	18.8	44.8	70.2	27.8	23.8	21.9	19.8	18.1	15.8	9.82	22
23	38.7	25.3	18.8	45.8	70.8	27.8	23.3	22.1	19.4	18.8	15.8	9.80	23
24	37.8	24.9	18.8	46.2	72.0	28.3	23.2	22.1	19.8	18.8	15.2	9.83	24
25	37.1	24.4	18.7	47.0	72.5	27.8	23.2	21.9	19.1	18.8	14.8	9.87	25
26	36.8	24.3	18.5	46.8	73.1	27.7	23.1	21.8	18.9	18.3	14.8	9.49	26
27	36.8	23.9	18.5	48.5	73.8	27.4	23.2	21.3	18.9	18.1	14.8	9.38	27
28	36.8	23.4	18.0	50.9	73.0	27.3	23.4	21.1	18.3	18.1	14.2	9.33	28
29	35.1		22.3	51.4	72.9	26.4	23.2	21.3	18.4	18.1	14.3	9.10	29
30	34.8		24.2	52.0	72.9	26.0	23.0	21.2	18.2	18.1	14.3	7.88	30
31	34.8		25.4		72.8		22.9	21.2		14.9		7.88	31
TOTAL	1 284.5	798.8	633.0	1 187.4	2 048.2	1 182.9	748.8	882.3	598.2	508.0	448.6	327.44	TOTAL
MEAN	41.4	28.5	20.4	38.8	88.1	39.4	24.1	22.3	19.9	16.3	15.0	10.6	MEAN
MAX	49.8	34.8	25.4	52.0	73.8	72.7	25.5	23.8	21.4	18.1	15.8	14.1	MAX
MIN	34.8	23.4	18.8	26.8	63.0	25.7	22.8	21.1	18.2	14.9	14.3	7.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.6
MAXIMUM DAILY, 73.8 ON MAY 27
MINIMUM DAILY, 7.88 ON DEC 31

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 07 23 N
LONG 80 04 44 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	111 000	JUL	64 600
FEB	69 000	AUG	68 800
MAR	54 700	SEP	51 700
APR	101 000	OCT	43 700
MAY	177 000	NOV	38 800
JUN	102 000	DEC	28 300

TOTAL DISCHARGE, 902 000 dam³

REMARKS - REPLACES STATIONS 02DD018 AND 02DD019 AS PART OF FLOW FOR "FRENCH RIVER AT LAKE NIPISSING" NO. 02DD007

LITTLE MAITLAND RIVER AT BLUEVALE - STATION NO. 02FE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.568	13.7	1.578	12.5	2.23	2.76	0.815	0.261	0.278	0.430	0.838	7.618	1
2	5.008	10.3 B	1.568	8.83	1.33	2.86	0.648	0.280	0.280	0.417	0.871	5.008	2
3	3.838	6.808	1.538	8.78	1.18	3.09	0.767	0.280	0.283	0.421	0.741	3.858	3
4	3.188	4.258	1.518	13.4	1.81	2.03	0.748	0.844	0.317	0.418	0.721	3.358	4
5	3.068	3.508	1.508	13.1	1.96	1.94	0.715	1.33	0.310	0.414	0.788	3.068	5
6	2.828	3.008	1.488	11.0	3.25	1.82	0.681	1.80	0.304	0.403	0.879	2.808	6
7	2.418	2.828	1.448	10.1	3.38	1.38	0.647	0.882	0.302	0.402	1.08	2.858	7
8	13.0 B	2.328	1.488	8.84	3.48	1.19	0.592	0.553	0.300	0.401	1.58	2.808	8
9	22.5 B	2.008	1.508	8.88	3.47	1.13	0.529	0.488	0.310	0.402	1.87	2.378	9
10	21.4 B	1.928	1.588	8.03	2.97	2.48	0.504	0.448	0.340	0.487	1.81	2.248	10
11	14.4 B	1.858	1.808	8.82	2.83	2.10	0.498	0.411	0.400	1.47	1.82	2.108	11
12	10.8 B	1.808	2.008	8.88	3.51	1.48	0.448	0.382	0.408	1.27	1.74	2.008	12
13	8.428	1.848	3.778	7.48	3.48	1.39	0.431	0.349	0.383	1.04	1.58	1.918	13
14	7.108	1.808	8.858	8.18	3.40	1.11	0.402	0.388	0.334	0.828	1.47	1.828	14
15	6.888	1.928	28.0 B	12.8	2.86	1.18	0.388	0.384	0.330	0.708	2.38	1.788	15
16	6.408	1.888	24.2 B	17.7	2.34	2.88	0.372	0.394	0.321	0.881	12.8	1.888	16
17	4.808	1.778	16.4 B	13.8	2.72	2.38	0.378	0.362	0.481	0.818	14.3	1.838	17
18	4.858	1.858	8.008	10.4	2.34	1.88	0.385	0.330	0.818	0.881	9.38	1.878	18
19	4.838	1.578	7.158	8.78	2.08	1.83	0.383	0.308	0.813	0.753	8.88 B	1.828	19
20	3.888	1.578	6.808	8.82	1.98	2.78	0.381	0.297	0.474	0.800	7.48	1.808	20
21	3.268	1.818	4.808	5.73	2.36	18.8	0.338	0.284	0.437	0.884	12.3	1.488	21
22	2.878	1.858	4.158	4.79	2.33	8.24	0.328	0.282	0.483	0.837	8.88	1.428	22
23	2.808	1.838	3.728	4.03	1.98	2.84	0.322	0.288	0.840	0.979	8.44 B	1.388	23
24	2.858	1.808	4.078	3.84	1.71	2.78	0.311	0.285	1.22	0.818	4.82 B	1.358	24
25	3.308	1.478	12.3	3.18	1.58	2.17	0.308	0.280	0.753	0.830	4.04	1.338	25
26	5.848	1.488	28.2	2.32	1.78	1.77	0.300	0.284	0.525	0.777	4.24	1.308	26
27	9.288	1.508	28.1	2.78	1.88	1.47	0.288	0.274	0.824	0.743	5.48	1.278	27
28	7.388	1.848	37.8	2.80	1.87	1.38	0.282	0.278	0.880	0.701	18.8	1.288	28
29	7.12		42.1	2.44	1.32	1.11	0.288	0.278	0.488	0.887	20.2	1.228	29
30	10.2		27.4	2.34	1.81	1.00	0.281	0.278	0.483	3.88	12.1	1.208	30
31	12.4		17.1		2.33		0.272	0.278		0.833		1.808	31
TOTAL	220.08	78.14	342.20	233.29	72.88	78.78	14.284	13.273	13.488	24.088	187.124	88.28	TOTAL
MEAN	7.10	2.83	11.0	7.78	2.34	2.83	0.480	0.428	0.450	0.777	6.87	2.20	MEAN
MAX	22.5	13.7	42.1	17.7	3.81	18.8	0.815	1.80	1.22	3.88	20.2	7.61	MAX
MIN	2.41	1.47	1.44	2.32	1.18	1.00	0.272	0.280	0.278	0.401	0.838	1.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.82
MAXIMUM DAILY, 42.1 ON MAR 26
MINIMUM DAILY, 0.280 ON AUG 3
MAXIMUM INSTANTANEOUS,
44.9 AT 04:47 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 51 15 N
LONG 81 15 00 W
DRAINAGE AREA, 326 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 000	JUL	1 230
FEB	8 040	AUG	1 150
MAR	34 600	SEP	1 170
APR	20 200	OCT	2 030
MAY	8 270	NOV	14 400
JUN	8 880	DEC	8 800

TOTAL DISCHARGE, 114 000 dam³

LITTLE NORDIC CREEK AT ELLIOT LAKE - STATION NO. 02CD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.058	0.022	0.014	0.308	0.148	---	---	---	---	---	---	---	1
2	0.048	0.017	0.011	0.285	0.133	---	---	---	---	---	---	---	2
3	0.058	0.0188	0.010	0.264	---	---	---	---	---	---	---	---	3
4	0.042	0.016	0.0108	0.425	---	---	---	---	---	---	---	---	4
5	0.034	0.015	0.0088	0.821	---	---	---	---	---	---	---	---	5
6	0.038	0.0188	0.0088	0.484	---	---	---	---	---	---	---	---	6
7	0.047	0.0188	0.0088	0.428	---	---	---	---	---	---	---	---	7
8	0.1818	0.0148	0.0088	0.388	---	---	---	---	---	---	---	---	8
9	0.1388	0.0148	0.0088	0.343	---	---	---	---	---	---	---	---	9
10	0.0888	0.0138	0.0108	0.274	---	---	---	---	---	---	---	---	10
11	0.043	0.0138	0.0108	0.218	---	---	---	---	---	---	---	---	11
12	0.028	0.0128	0.0108	0.218	---	---	---	---	---	---	---	---	12
13	0.023	0.0128	0.0088	0.218	---	---	---	---	---	---	---	---	13
14	0.0238	0.0118	0.0088	0.198	---	---	---	---	---	---	---	---	14
15	0.0228	0.0118	0.1508	0.224	---	---	---	---	---	---	---	---	15
16	0.0228	0.012	0.1388	0.318	---	---	---	---	---	---	---	---	16
17	0.0228	0.010	0.0758	0.638	---	---	---	---	---	---	---	---	17
18	0.0228	0.011	0.047	0.581	---	---	---	---	---	---	---	---	18
19	0.0218	0.010	0.018	0.424	---	---	---	---	---	---	---	---	19
20	0.0218	0.010	0.013	0.388	---	---	---	---	---	---	---	---	20
21	0.0218	0.010	0.013	0.381	---	---	---	---	---	---	---	---	21
22	0.0218	0.012	0.013	0.362	---	---	---	---	---	---	---	---	22
23	0.0218	0.013	0.013	0.320	---	---	---	---	---	---	---	---	23
24	0.0218	0.011	0.013	0.300	---	---	---	---	---	---	---	---	24
25	0.0208	0.011	0.124	0.317	---	---	---	---	---	---	---	---	25
26	0.0208	0.013	0.418	0.348	---	---	---	---	---	---	---	---	26
27	0.0208	0.014	0.802	0.330	---	---	---	---	---	---	---	---	27
28	0.0208	0.012	1.22	0.292	---	---	---	---	---	---	---	---	28
29	0.021		1.17	0.262	---	---	---	---	---	---	---	---	29
30	0.026		0.813	0.188	---	---	---	---	---	---	---	---	30
31	0.020		0.338		---		---	---		---	---	---	31
TOTAL	1.211	0.384	5.208	10.237	---	---	---	---	---	---	---	---	TOTAL
MEAN	0.039	0.013	0.168	0.341	---	---	---	---	---	---	---	---	MEAN
MAX	0.181	0.022	1.22	0.838	---	---	---	---	---	---	---	---	MAX
MIN	0.020	0.010	0.009	0.188	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 21 12 N
LONG 82 38 37 W
DRAINAGE AREA, 4.58 km²

B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	108	JUL	---
FEB	31.4	AUG	---
MAR	450	SEP	---
APR	884	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

REMARKS - STATION DISCONTINUED APR 1988

LITTLE OTTER CREEK NEAR STRAFFORDVILLE - STATION NO. 02CC018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.58	1.74	0.8828	2.08	0.881	1.03	0.717	0.434	0.837	0.481	0.807	1.21 E	1
2	1.45	1.58	0.8828	1.78	0.842	2.38	0.701	0.408	0.811	0.806	0.810	1.17 E	2
3	1.38	1.28	0.8448	2.88	0.961	1.81	0.891	0.402	0.480	0.806	0.808	1.18 E	3
4	1.34 B	1.13 B	0.8408	3.48	0.917	1.87	0.718	0.485	0.485	0.480	0.808	1.08 B	4
5	1.27 B	1.02 B	1.48 B	2.87	0.883	1.38	0.723E	0.471	0.447	0.488	0.807	1.02 B	5
6	1.21 B	0.9708	1.11 B	2.18	0.895	1.18	0.707E	0.457	0.483	0.484	0.827	0.9508	6
7	1.18 B	0.8358	0.8408	1.80	0.870	1.04	0.700E	0.440	0.470	0.477	0.888	0.8108	7
8	2.68 B	0.9058	0.9008	1.72	1.01	0.937	0.894E	0.434	0.467	0.481	0.748	0.8758	8
9	2.30 B	0.8808	0.8388	1.88	0.884	0.883	0.881E	0.432	0.486	0.488	0.988	0.8488	9
10	1.83 B	0.8808	0.8838	1.62	0.847	0.908	0.836E	0.391	0.488	0.880	1.23 A	0.8188	10
11	1.40 B	0.8888	0.8088	1.47	0.858	0.878	0.881A	0.380	0.445	0.748	1.14 E	0.7858	11
12	1.83 B	0.8398	0.7838	1.48	1.03	0.848	0.887	0.381	0.447	0.801	1.08 E	0.7618	12
13	1.32 B	1.18 B	0.7888	1.88	1.03	0.947	0.889	0.383	0.448	0.888	1.01 E	0.7428	13
14	1.20 B	1.88	0.8228	1.89	0.858	0.840	0.813	0.373	0.474	0.848	0.978A	0.7258	14
15	1.15 B	1.84	0.8008	1.88	0.802	0.820	0.473	0.380	0.820	0.838	3.21	0.7108	15
16	1.08 B	1.08 B	0.8928	1.77	0.877	0.888	0.458	0.408	0.838	0.828	5.27	0.8838	16
17	1.02 B	1.04 B	1.15 B	1.87	0.843	1.00	0.373	0.408	0.710	0.837	2.83 E	0.8718	17
18	0.9878	1.01 B	1.84 B	2.28	0.802	1.03	0.462	0.382	0.883	0.888	1.70 E	0.8528	18
19	0.9938	0.9948	1.48 B	1.91	0.778	0.887	0.434	0.384	0.810	0.878	1.44 E	0.8388	19
20	0.9888	0.9728	1.30 B	1.80	0.803	0.818	0.870	0.403	0.488	0.712	1.48 E	0.8228	20
21	0.9868	1.01 B	1.18 B	1.42	0.842	0.837	0.571	0.438	0.481	1.08	1.82 E	0.8118	21
22	0.9988	0.9008	1.11 B	1.28	0.795	1.41	0.528	0.480	0.517	1.08	1.37 E	0.8008	22
23	1.02	0.8838	1.07 B	1.19	0.761	1.34	0.504	0.477	0.575	0.834	1.28 E	0.8828	23
24	0.942	0.7908	1.14 E	1.13	0.812	1.13	0.482	0.444	0.585	0.801	1.20 E	0.8818	24
25	0.941	0.7638	1.30	1.08	0.808	0.988	0.473	0.424	0.538	0.723	1.18 E	0.8718	25
26	2.08	0.7268	1.38	1.08	1.00	0.888	0.448	0.418	0.513	0.888	1.22 E	0.8838	26
27	1.78	0.7038	1.41	1.10	0.840	0.837	0.504	0.400	0.488	0.888	1.21 E	0.8588	27
28	1.30	0.8818	1.78	1.08	0.838	0.808	0.500	0.403	0.488	0.848	1.48 E	0.8508	28
29	1.28		2.13	1.01	0.781	0.783	0.487	0.532	0.494	0.847	1.38 E	0.8458	29
30	1.81		1.88	0.982	0.878	0.735	0.488	0.488	0.488	0.834	1.27 E	0.8428	30
31	1.84		2.18		0.882		0.434	0.444		0.817		0.8508	31
TOTAL	42.128	28.088	38.128	50.152	28.188	32.338	17.333	13.187	18.337	18.341	40.132	23.872	TOTAL
MEAN	1.38	1.04	1.17	1.67	0.908	1.08	0.559	0.425	0.611	0.824	1.34	0.784	MEAN
MAX	2.88	1.88	2.18	3.48	1.03	2.28	0.723	0.532	0.710	1.08	5.27	1.21	MAX
MIN	0.941	0.881	0.844	0.982	0.778	0.735	0.373	0.373	0.448	0.477	0.807	0.842	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.881
MAXIMUM DAILY, 5.27 ON NOV 16
MINIMUM DAILY, 0.373 ON JUL 17
MAXIMUM INSTANTANEOUS,
5.87 AT 23:30 EST ON NOV 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 45 23 N
LONG 80 48 28 W
DRAINAGE AREA, 104 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 840	JUL	1 800
FEB	2 510	AUG	1 140
MAR	3 120	SEP	1 330
APR	4 330	OCT	1 870
MAY	2 430	NOV	3 470
JUN	2 780	DEC	2 060

TOTAL DISCHARGE, 30 000 dam³

REMARKS - THE DISCHARGE IS AFFECTED BY PUMPING FOR IRRIGATION DURING THE SUMMER MONTHS

LITTLE PIC RIVER NEAR COLDWELL - STATION NO. 02BA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.188	5.938	4.958	3.738	88.5	27.9	10.0	3.65	2.67	1.83	1.93	3.808	1
2	5.058	5.858	4.908	3.728	88.7	26.7	9.88	3.85	2.78	1.88	2.05	3.578	2
3	5.858	5.788	4.888	3.718	77.8	23.8	9.11	3.82	2.83	2.17	2.04	3.528	3
4	5.808	5.708	4.788	3.718	83.2	22.4	8.73	3.88	2.80	2.28	1.88	3.518	4
5	5.838	5.878	4.728	3.718	118	21.0	8.34	3.74	2.48	2.27	3.85	3.478	5
6	5.768	5.588	4.888	3.718	118	20.1	7.72	3.80	2.83	2.18	8.82	3.448	6
7	5.708	5.508	4.858	3.708	83.5	20.2	7.03	3.72	2.67	2.21	4.80	3.428	7
8	5.658	5.458	4.578	3.708	88.2	21.4	8.78	3.67	2.88	2.14	8.08	3.408	8
9	5.858	5.388	4.528	3.708	88.4	18.8	8.74	3.80	2.84	2.02	20.8	3.378	9
10	5.808	5.268	4.488	3.718	88.1	18.8	8.82	3.34	2.82	1.82	13.8	3.348	10
11	5.488	5.228	4.388	3.788	100	17.5	7.18	3.27	2.44	1.80	11.1	3.328	11
12	5.388	5.138	4.328	3.878	102	16.4	7.00	3.21	2.38	1.83	8.34	3.308	12
13	5.288	5.058	4.268	4.208	110	15.7	8.70	3.28	2.38	1.81	8.18	3.278	13
14	5.208	5.008	4.258	4.488	118	15.3	8.88	3.81	2.30	1.78	8.28	3.248	14
15	5.128	5.858	4.188	4.788	108	14.3	8.80	3.44	2.27	1.78	8.80	3.218	15
16	5.088	5.888	4.138	5.058	97.8	13.5	8.28	3.38	2.21	1.78	8.88	3.208	16
17	7.888	5.828	4.088	5.488	88.0	12.8	8.07	3.24	2.18	1.78	8.80	3.188	17
18	7.838	5.788	4.088	8.108	78.1	12.2	8.08	3.10	2.08	1.71	8.17	3.148	18
19	7.888	5.888	4.038	8.808	87.8	11.5	8.71	3.04	2.03	1.87	4.888	3.128	19
20	7.788	5.808	4.008	7.808	85.5	11.0	8.47	3.04	2.26	1.88	4.838	3.108	20
21	7.888	5.848	3.988	8.208	74.7	10.5	8.22	3.24	2.81	1.85	4.488	3.088	21
22	7.888	5.488	3.888	11.8	85.8	8.87	8.05	3.48	2.78	1.84	4.288	3.088	22
23	7.888	5.458	3.938	14.0	88.1	8.52	4.84	3.47	2.84	1.88	4.188	3.048	23
24	7.808	5.388	3.818	16.4	83.7	10.3	4.88	3.28	2.47	1.84	4.058	3.028	24
25	7.488	5.308	3.888	21.8	84.8	10.1	4.48	3.12	2.34	1.88	3.978	3.008	25
26	7.358	5.238	3.858	34.3	83.8	8.88	4.35	3.05	2.24	1.87	3.888	2.988	26
27	7.288	5.188	3.828	81.8	47.8	8.83	4.23	2.98	2.08	1.88	3.838	2.988	27
28	7.328	5.088	3.808	62.2	42.2	11.0	4.08	2.87	2.01	1.88	3.748	2.948	28
29	7.138		3.788	87.1	37.7	11.2	3.88	2.88	1.88	1.70	3.708	2.928	29
30	7.078		3.768	88.8	33.8	10.8	3.88	2.88	1.83	1.73	3.648	2.908	30
31	7.008		3.748		30.8		3.71	2.88		1.80		2.888	31
TOTAL	250.01	167.82	131.27	447.38	2 387.4	483.81	192.80	102.88	71.87	57.27	181.44	99.80	TOTAL
MEAN	8.06	5.89	4.23	14.9	77.3	16.5	8.22	3.32	2.39	1.85	8.05	3.21	MEAN
MAX	9.15	8.83	4.95	88.5	118	27.9	10.0	3.80	2.67	2.28	20.8	3.80	MAX
MIN	7.00	5.08	3.74	3.70	30.8	8.52	3.71	2.88	1.83	1.84	1.88	2.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.8
MAXIMUM DAILY, 118 ON MAY 6
MINIMUM DAILY, 1.84 ON OCT 22
MAXIMUM INSTANTANEOUS,
127 AT 00:08 EST ON MAY 6

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 50 57 N
LONG 88 36 28 W
DRAINAGE AREA, 1 320 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	21 600	JUL	16 700
FEB	14 500	AUG	8 800
MAR	11 300	SEP	6 180
APR	38 700	OCT	4 950
MAY	207 000	NOV	15 700
JUN	40 100	DEC	8 600

TOTAL DISCHARGE, 384 000 dam³

LITTLE RIVER AT WINDSOR - STATION NO. 02GH011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0588	0.591	0.0448	0.344	0.080	3.48	0.098	0.051	0.504	0.048	0.047	0.102	1
2	0.0488	0.2148	0.0378	0.323	0.080	2.78	0.062	0.040	0.184	0.053	0.078	0.245	2
3	0.0488	0.1408	0.0388	3.48	0.087	5.28	0.088	0.038	0.080	0.060	0.080	0.058	3
4	0.0448	0.1058	0.342	2.88	0.073	3.06	0.085	0.084	0.088	0.087	0.062	0.035	4
5	0.0438	0.0888	0.223	1.43	0.286	0.768	0.048	0.084	0.082	0.088	0.131	0.080	5
6	0.0588	0.0878	0.0808	0.748	0.187	0.388	0.048	0.083	0.088	0.087	0.185	0.074	6
7	0.2788	0.0598	0.0538	0.538	0.108	0.248	0.083	0.038	0.222	0.088	0.482	0.080	7
8	0.7008	0.0518	0.058	0.384	0.080	0.188	0.080	0.027	0.463	0.084	0.261	0.048	8
9	0.2808	0.0488	0.055	0.318	0.063	0.157	0.013	0.028	0.213	0.078	0.153	0.0428	9
10	0.1818	0.0448	0.072	0.212	0.088	0.134	0.010	0.085	0.184	0.418	0.315	0.0378	10
11	0.1288	0.0438	0.100	0.188	0.057	0.092	0.018	0.038	0.111	0.182	0.186	0.0328	11
12	0.1388	0.0638	0.101	0.380	0.117	0.210	0.023	0.037	0.082	0.088	0.118	0.0288	12
13	0.1048	0.0838	0.091	0.438	0.158	0.174	0.033	0.028	0.132	0.070	0.082	0.0278	13
14	0.0828	0.1248	0.118	0.322	0.088	0.118	0.042	0.015	0.218	0.082	0.108	0.0238	14
15	0.0688	0.1158	0.188	0.328	0.077	0.227	0.042	0.025	0.188	0.074	0.888	0.0218	15
16	0.0788	0.1008	0.087	0.227	0.088	0.888	0.031	0.028	0.578	0.082	1.87	0.0188	16
17	0.0718	0.0878	0.181	1.10	0.047	0.228	0.033	0.027	0.843	0.205	0.431	0.018	17
18	0.0908	0.0788	1.41	1.83	0.048	0.228	0.017	0.028	0.197	0.148	0.214	0.014	18
19	0.118	0.0728	0.3808	0.782	0.080	2.40	0.808	0.088	0.118	0.848	0.140	0.013	19
20	0.088	0.088	0.347	0.444	0.188	3.21	8.28	0.131	0.088	0.871	0.128	0.0128	20
21	0.088	0.148	0.308	0.488	0.078	0.701	2.01	0.082	0.082	0.240	0.111	0.0118	21
22	0.048	0.127	0.184	0.288	0.042	0.368	0.887	0.082	0.481	0.128	0.088	0.0108	22
23	0.080	0.111	0.154	0.220	0.027	0.260	0.881	0.057	0.154	0.082	0.078	0.0088	23
24	0.078	0.082	0.188	0.172	0.033	0.220	0.573	0.048	0.088	0.078	0.070	0.0088	24
25	0.110	0.088	0.173	0.242	1.88	0.278	0.281	0.042	0.074	0.087	0.088	0.0088	25
26	0.844	0.083	0.158	0.178	8.15	1.02	0.288	0.038	0.084	0.082	0.083	0.0078	26
27	0.433	0.085	0.238	0.138	0.744	1.78	0.315	0.024	0.081	0.087	0.188	0.0078	27
28	0.298	0.0538	0.848	0.118	0.288	0.473	0.118	0.320	0.088	0.087	0.274	0.0088	28
29	0.801		2.07	0.108	0.184	0.218	0.077	0.418	0.084	0.088	0.128	0.0108	29
30	1.12		0.822	0.103	0.281	0.134	0.073	0.103	0.088	0.083	0.108	0.038	30
31	0.728		0.521		4.78		0.081	0.083		0.134		0.807	31
TOTAL	7.102	2.945	8.454	10.488	18.883	29.338	15.841	2.120	5.883	4.388	8.744	1.878	TOTAL
MEAN	0.229	0.105	0.306	0.817	0.638	0.878	0.501	0.088	0.185	0.140	0.228	0.081	MEAN
MAX	1.12	0.591	2.07	3.48	8.15	5.28	8.28	0.410	0.843	0.848	1.87	0.807	MAX
MIN	0.043	0.043	0.038	0.103	0.033	0.082	0.010	0.018	0.052	0.049	0.083	0.007	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.328
MAXIMUM DAILY, 8.28 ON JUL 30
MINIMUM DAILY, 0.0078 ON DEC 26
MAXIMUM INSTANTANEOUS,
18.7 AT 01:37 EST ON MAY 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 18 34 N
LONG 82 55 44 W
DRAINAGE AREA, 80.5 km²

B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	614	JUL	1 340
FEB	284	AUG	183
MAR	817	SEP	480
APR	1 000	OCT	378
MAY	1 430	NOV	583
JUN	2 830	DEC	138

TOTAL DISCHARGE, 10 300 dam³

LITTLE ROUSE CREEK NEAR LOCUST HILL - STATION NO. 02HC026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3848	0.8008	0.1488	0.718	0.588	0.811	0.088	0.0848	0.787	0.183	1.80	0.858	1
2	0.3208	0.8308	0.1448	0.889	0.618	1.83	0.104	0.1618	0.708	0.208	0.778	0.4288	2
3	0.3008	0.4808	0.1418	1.07	1.18	1.12	0.108	0.453	0.388	0.234	0.838	0.4008	3
4	0.2828	0.4408	0.1388	2.81	0.853	0.847	0.092	1.28	0.207	0.213	0.438	0.3888	4
5	0.2888	0.3908	0.1378	2.18	1.07	0.448	0.081	2.24	0.188	0.188	0.348	0.3488	5
6	0.2688	0.3708	0.1348	1.34	1.84	0.342	0.088	0.988	0.188	0.187	0.721	0.3388	6
7	0.2438	0.3488	0.1328	1.08	1.41	0.311	0.086	0.328	0.882	0.208	1.18	0.3228	7
8	0.5008	0.3258	0.1308	0.838	3.40	0.483	0.078	0.248	1.11	0.187	2.48	0.3008	8
9	2.00 B	0.3008	0.1288	0.738	1.32	0.304	0.078	0.214	0.372	0.180	2.80	0.2928	9
10	1.00 B	0.2858	0.1268	0.638	0.888	0.280	0.087	0.184	0.270	0.188	1.73	0.2828	10
11	0.7808	0.2758	0.1238	0.587	0.734	0.244	0.088	0.202	0.232	0.823	1.10	0.2728	11
12	0.7008	0.2588	0.1218	0.528	4.09	0.188	0.083	0.184	0.211	0.318	0.873	0.2628	12
13	0.8508	0.2408	0.1208	0.881	3.88	0.158	0.087	0.188	0.184	0.238	0.844	0.2588	13
14	0.8508	0.2308	0.1188	0.885	1.80	0.180	0.080	0.182	0.182	0.218	1.01	0.2488	14
15	0.5008	0.2148	2.00 B	1.14	0.980	0.193	0.077	0.184	0.203	0.428	8.38	0.2428	15
16	0.4008	0.2108	1.70 B	1.03	0.728	0.221	0.080	0.217	0.201	0.513	8.40	0.2388	16
17	0.3358	0.2058	1.37 B	0.820	0.884	0.268	0.072	0.188	0.237	0.418	3.87	0.2308	17
18	0.2858	0.1958	1.18 B	0.884	0.480	0.331	0.072	0.181	0.228	0.844	1.82	0.2228	18
19	0.2708	0.1828	1.12 B	0.744	0.393	0.288	0.082	0.188	0.202	0.403	1.13	0.2188	19
20	0.2488	0.1888	0.9208	0.808	0.401	0.887	0.088	0.182	0.198	0.888	1.88	0.2138	20
21	0.2308	0.1808	0.8108	0.834	0.832	0.882	0.088	0.208	0.188	1.48	3.48	0.2088	21
22	0.3008	0.1758	0.7008	0.471	0.438	1.48	0.082	0.188	0.307	1.18	1.74 B	0.2028	22
23	0.2758	0.1728	0.6008	0.430	0.328	1.37	0.082	0.188	0.834	0.883	1.18 B	0.1988	23
24	0.2588	0.1678	1.20 B	0.388	0.308	0.874	0.088	0.178	0.288	0.448	0.720	0.1928	24
25	0.2458	0.1638	2.80 B	0.408	0.271	0.428	0.071	0.182	0.228	0.387	0.828	0.1908	25
26	0.4008	0.1608	3.20 B	0.488	0.282	0.318	0.103	0.181	0.221	0.308	0.888	0.1858	26
27	1.18 B	0.1658	3.31 B	0.430	0.248	0.258	0.101	0.137	0.188	0.283	0.730	0.1828	27
28	0.8008	0.1538	1.80 B	0.428	0.218	0.182	0.134	0.148	0.202	0.258	2.50	0.1788	28
29	0.8008		2.74	0.408	0.200	0.128	0.108	0.140	0.180	0.244	1.88	0.1758	29
30	0.8108		1.22	0.814	0.231	0.112	0.088	0.151	0.184	0.239	1.18	0.1728	30
31	0.5788		0.841		0.388		0.080	0.141		0.298		0.4008	31
TOTAL	18.852	7.895	29.348	24.488	28.447	15.343	2.887	8.853	8.878	12.381	58.483	8.418	TOTAL
MEAN	0.818	0.271	0.947	0.818	0.880	0.511	0.088	0.318	0.323	0.388	1.88	0.271	MEAN
MAX	2.00	0.800	3.31	2.81	4.08	1.83	0.134	2.24	1.11	1.48	8.38	0.858	MAX
MIN	0.220	0.183	0.118	0.388	0.200	0.112	0.083	0.084	0.184	0.183	0.348	0.172	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.807
MAXIMUM DAILY, 8.38 ON NOV 15
MINIMUM DAILY, 0.083 ON JUL 12
MAXIMUM INSTANTANEOUS,
10.8 AT 11:28 EST ON NOV 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 54 28 N
LONG 78 12 58 W
DRAINAGE AREA, 77.7 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 380	JUL	230
FEB	858	AUG	851
MAR	2 840	SEP	836
APR	2 110	OCT	1 070
MAY	2 840	NOV	4 860
JUN	1 330	DEC	727

TOTAL DISCHARGE, 19 200 dam³

LITTLE WHITE RIVER BELOW ROLAND RIVER - STATION NO. 02CC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.2 B	9.008	6.388	17.78	73.6	20.8	11.3	4.82	4.42	2.38	2.84	3.858	1
2	13.0 B	8.908	6.288	17.48	86.2	21.8	10.7	4.87	4.27	2.62	2.88	3.808	2
3	12.8 B	8.808	6.208	17.08	83.3	21.8	9.89	4.88	4.18	2.87	2.88	3.858	3
4	12.5 B	8.708	6.158	18.08	88.3	21.0	9.22	8.73	4.08	2.87	2.87	3.808	4
5	12.2 B	8.808	6.088	24.08	87.8	19.8	8.80	8.88	3.82	2.83	3.48	3.488	5
6	12.0 B	8.408	8.008	28.78	88.8	18.7	8.81	8.47	3.81	3.00	4.80	3.448	6
7	13.2 B	8.308	8.008	27.8	80.0	17.8	8.38	8.24	3.80	2.87	8.08	3.408	7
8	14.8	8.208	8.978	27.8	88.7	17.0	8.15	8.28	3.78	2.81	8.08	3.378	8
9	14.0	8.108	8.858	27.2	82.8	17.1	7.88	8.37	4.01	2.81	8.23	3.348	9
10	14.3	7.908	8.838	28.1	48.1	17.2	7.80	8.18	4.00	2.80	8.40	3.328	10
11	13.7	7.808	8.808	24.8	43.3	18.8	7.73	4.88	3.83	2.78	8.42	3.288	11
12	14.1	7.708	8.878	23.8	38.7	18.8	7.88	4.85	3.74	2.73	8.27	3.258	12
13	12.8	7.608	8.848	17.08	36.8	14.8	7.32	4.70	3.87	2.88	8.01	3.228	13
14	12.8	7.508	8.808	22.3	34.3	14.2	7.04	4.42	3.88	2.88	4.73	3.208	14
15	13.4	7.408	8.108	21.8	32.7	14.3	8.78	8.12	3.80	2.80	4.88	3.188	15
16	13.1	7.308	8.308	33.3	31.1	18.3	8.81	8.27	3.48	2.83	4.008	3.188	16
17	11.8	7.208	8.258	28.8	27.4	21.8	8.48	4.82	3.43	2.72	8.208	3.158	17
18	11.4	7.108	8.208	26.8	25.8	25.8	8.30	4.71	3.42	2.88	4.858	3.148	18
19	11.3	7.008	8.158	40.0	24.1	27.4	8.18	4.80	3.37	2.88	4.808	3.138	19
20	11.1 B	8.908	8.108	42.3	26.0	27.8	8.87	4.41	3.32	2.84	4.858	3.128	20
21	10.8 B	8.808	8.008	44.4	28.7	25.8	8.88	4.38	3.31	2.87	4.808	3.118	21
22	10.8 B	8.808	8.878	48.8	28.8	22.8	8.72	4.48	3.30	2.80	4.408	3.108	22
23	10.4 B	8.708	8.958	48.8	28.3	20.8	8.87	4.70	3.38	2.74	4.258	3.108	23
24	10.2 B	8.708	8.808	48.0	28.4	18.7	8.44	4.51	3.11	2.88	4.108	3.088	24
25	10.0 B	8.608	8.858	53.8	28.8	17.1	8.37	4.34	2.81	2.88	4.088	3.088	25
26	8.908	8.508	8.008	81.3	28.4	15.7	8.22	4.26	2.84	2.88	3.958	3.088	26
27	8.708	8.508	8.458	72.8	26.0	14.4	8.82	4.17	2.83	2.84	3.888	3.088	27
28	8.808	8.408	8.008	80.8	23.8	13.8	8.58	4.11	2.80	2.88	3.838	3.078	28
29	8.508		11.8 B	81.2	21.8	12.8	8.48	4.07	2.48	2.83	3.788	3.088	29
30	8.408		13.8 B	78.8	20.7	11.8	8.30	4.03	2.41	2.82	3.708	3.088	30
31	8.208		16.0 B		20.4		8.08	4.07		2.87		3.088	31
TOTAL	384.80	211.30	212.88	1 128.7	1 187.4	580.1	218.77	147.88	103.48	83.28	128.48	100.37	TOTAL
MEAN	11.8	7.88	8.88	37.8	38.8	18.7	7.08	4.78	3.48	2.88	4.32	3.24	MEAN
MAX	14.8	8.00	18.0	81.2	73.8	27.8	11.3	8.73	4.42	3.00	8.42	3.88	MAX
MIN	8.30	8.40	8.80	17.0	20.4	11.8	8.08	4.03	2.41	2.38	2.84	3.08	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.2
MAXIMUM DAILY, 81.2 ON APR 28
MINIMUM DAILY, 2.38 ON OCT 1
MAXIMUM INSTANTANEOUS,
81.8 AT 11:18 EST ON APR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 34 48 N
LONG 82 57 58 W
DRAINAGE AREA, 1 180 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	31 800	JUL	18 800
FEB	18 300	AUG	12 800
MAR	18 400	SEP	8 840
APR	87 300	OCT	7 200
MAY	103 000	NOV	11 200
JUN	48 400	DEC	8 870

TOTAL DISCHARGE, 385 000 dam³

LITTLE WHITE RIVER NEAR BELLINGHAM - STATION NO. 02CC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.88	19.88	11.28	40.88	126	36.8	22.1	8.88	7.38	4.01	4.72	8.388	1
2	22.28	19.18	11.08	41.08	118	36.0	21.1	8.78	7.37	4.14	4.82	8.308	2
3	21.88	18.88	10.88	41.88	108	35.1	20.0	8.78	7.08	4.38	4.88	8.268	3
4	20.88	19.58	10.88	45.08	98.1	34.3	19.3	8.83	6.88	4.33	5.07	8.208	4
5	20.18	18.28	10.78	57.08	94.4	33.8	18.3	8.88	6.78	4.28	5.38	8.108	5
6	19.88	15.08	10.88	88.88	87.3	31.5	17.5	8.87	6.87	4.98	10.8	8.088	6
7	23.08	14.88	10.88	88.08	88.0	28.9	16.9	8.38	6.38	5.03	10.8	8.008	7
8	26.38	14.88	10.48	88.08	84.7	28.1	16.2	8.08	6.78	4.78	8.88	8.888	8
9	25.88	14.38	10.38	84.08	88.4	28.3	15.8	8.88	7.00	4.80	10.1	8.888	9
10	25.08	14.18	10.38	83.08	80.8	28.7	15.4	8.88	7.43	4.44	11.0	8.848	10
11	24.88	14.08	10.28	80.08	72.8	28.8	15.0	8.83	7.10	4.47	10.7	8.808	11
12	24.08	13.88	10.28	43.8	88.3	27.8	14.4	8.44	6.78	4.38	10.8	8.878	12
13	23.38	13.88	10.18	42.1	81.5	28.7	13.8	8.24	6.88	4.38	10.1	8.838	13
14	22.88	13.48	10.18	40.8	87.8	25.8	13.4	8.07	6.38	4.23	8.73	8.808	14
15	22.48	13.28	10.18	41.8	84.8	28.1	12.8	8.38	6.13	4.18	9.34	8.788	15
16	22.08	13.18	11.78	44.8	82.8	28.2	12.3	8.88	8.01	4.88	8.27	8.788	16
17	21.88	12.88	12.48	88.4	49.3	26.8	12.0	8.78	5.88	4.88	8.808	8.748	17
18	21.28	12.78	12.88	72.7	44.7	29.8	11.7	8.37	5.78	4.41	7.908	8.708	18
19	20.78	12.88	12.88	74.3	43.1	41.8	11.8	8.07	5.81	4.21	7.808	8.888	19
20	20.38	12.48	12.78	77.3	45.8	41.8	11.3	7.78	5.81	4.24	7.858	8.858	20
21	20.08	12.38	12.58	81.2	48.8	40.3	10.8	7.91	5.48	4.88	7.388	8.638	21
22	19.78	12.28	12.88	83.8	49.1	37.8	10.5	7.88	5.43	4.58	7.208	8.808	22
23	19.38	12.08	12.48	83.4	48.8	34.7	10.3	8.43	5.47	4.48	7.008	8.888	23
24	19.08	11.88	12.48	85.3	47.1	32.7	10.1	8.10	5.23	4.37	6.908	8.888	24
25	18.88	11.78	13.08	81.4	48.7	30.7	9.87	7.71	4.87	4.32	8.808	8.888	25
26	18.38	11.58	14.88	108	43.8	28.7	9.80	7.44	4.55	4.28	8.708	8.878	26
27	18.08	11.88	16.88	122	42.7	27.1	9.82	7.30	4.38	4.28	8.808	8.588	27
28	17.78	11.48	21.88	133	40.8	25.8	10.0	7.21	4.18	4.24	8.858	8.888	28
29	17.38		30.08	134	37.7	24.8	9.88	7.12	4.14	4.21	8.488	8.548	29
30	17.18		38.08	131	35.3	23.1	9.48	7.04	4.07	4.21	8.408	8.538	30
31	16.88		40.08		34.5		9.12	8.94		4.38		8.528	31
TOTAL	661.8	378.4	443.8	2 103.8	2 018.8	949.8	419.85	258.88	179.01	136.83	234.28	180.08	TOTAL
MEAN	21.8	13.8	14.3	70.1	85.1	31.7	13.8	8.35	5.97	4.41	7.81	8.81	MEAN
MAX	26.3	18.8	40.8	134	124	41.8	22.1	8.88	7.43	8.83	11.8	8.38	MAX
MIN	16.8	11.4	10.1	40.8	34.8	23.1	9.12	8.94	4.87	4.81	4.72	8.82	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.8
MAXIMUM DAILY, 134 ON APR 29
MINIMUM DAILY, 4.01 ON OCT 1
MAXIMUM INSTANTANEOUS,
135 AT 04:00 EST ON APR 29

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 23 38 N
LONG 83 17 10 W
DRAINAGE AREA, 1 880 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	58 300	JUL	38 300
FEB	32 700	AUG	22 400
MAR	38 300	SEP	15 500
APR	182 000	OCT	11 800
MAY	174 000	NOV	20 200
JUN	82 100	DEC	15 800

TOTAL DISCHARGE, 687 000 dam³

LONG LAKE AT LONGLAC - STATION NO. 04JD001

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	313.220	312.820	312.280	311.780	311.800	313.330	313.300	312.920	312.810	312.270	312.110	312.220	1
2	313.220	312.810	312.230	311.780	311.850	313.380	313.280	312.910	312.580	312.220	312.100	312.220	2
3	313.220	312.810	312.210	311.760	311.880	313.370	313.280	312.920	312.570	---	312.110	312.240	3
4	313.210	312.810	312.180	311.740	311.740	313.410	313.280	312.900	312.570	---	312.100	312.230	4
5	313.200	312.810	312.180	311.740	311.880	313.410	313.280	312.900	312.570	---	312.100	312.240	5
6	313.200	312.810	312.180	311.730	312.010	313.420	313.270	312.900	312.540	---	312.120	312.240	6
7	313.180	312.800	312.140	311.720	312.240	313.430	313.230	312.880	312.880	---	312.120	312.230	7
8	313.180	312.880	312.120	311.720	312.420	313.430	313.230	312.880	312.530	---	312.120	312.220	8
9	313.180	312.880	312 110	311.710	312.580	313.440	313.210	312.880	312.500	---	312.120	312.180	9
10	313.180	312.820	312.080	311.710	312.880	313.450	313.210	312.880	312.470	---	312.140E	312.200E	10
11	313.180	312.800	312.070	311.710	312.780	313.480	313.190	312.880	312.480	---	312.170	312.180	11
12	313.180	312.880	312.070	311.700	312.800	313.480	313.180	312.870	312.450	---	312.180	312.180	12
13	313.140	312.880	312.060	311.700	312.880	313.430	313.170	312.870	312.480	312.180	312.180	312.180	13
14	313.130	312.830	312.030	311.700	312.100	313.440	313.180	312.840	312.480	---	312.180	312.180	14
15	313.100	312.810	312.020	311.880	313.190	313.430	313.180	312.840	312.420	---	312.180	313.180	15
16	313.080	312.480	312.000	311.880	313.280	313.420	313.140	312.820	312.420	---	312.210	312.180	16
17	313.070	312.470	311.980	311.880	313.380	313.420	313.130	312.810	312.380	312.130	312.170	312.180	17
18	313.060	312.450	311.870	311.870	313.400	313.410	313.130	312.810	312.380	---	312.180	312.130	18
19	313.030	312.430	311.880	311.880	313.400	313.400	313.080	312.780	312.380	---	312.180	312.120	19
20	313.010	312.430	311.840	311.880	313.400	313.380	313.070	312.780	312.380	---	312.180	312.120	20
21	313.000	312.420	311.840	311.850	313.410	313.370	313.080	312.740	312.380	---	312.200	312.120	21
22	312.980	312.380	311.830	311.840	313.400	313.380	313.050	312.740	312.370	---	312.180	312.120	22
23	312.950	312.380	311.810	311.830	313.380	313.350	313.030	312.720	312.380	312.120	312.200	312.120	23
24	312.950	312.360	311.810	311.810	313.380	313.380	313.020	312.700	312.340	---	312.190	312.120	24
25	312.830	312.320	311.800	311.800	313.350	313.360	313.030	312.890	312.370	---	312.200	312.110	25
26	312.830	312.300	311.800	311.800	313.380	313.340	312.880	312.870	312.310	---	312.200	312.110	26
27	312.800	312.280	311.870	311.800	313.340	313.320	312.880	312.880	312.310	---	312.200	312.100	27
28	312.690	312.260	311.880	311.880	313.340	313.330	312.940	312.880	312.330	---	312.210	312.080	28
29	312.880		311.830	311.880	313.310	313.310	312.940	312.840	312.280	---	312.200	312.040	29
30	312.850		311.800	311.880	313.310	313.310	312.930	312.830	312.270	312.100	312.230	312.030	30
31	312.840		311.780		313.320		312.930	312.810		312.070		312.010	31
MEAN	313.083	312.548	312.011	311.877	312.877	313.390	313.124	312.788	312.433	---	312.183	312.152	MEAN
MAX	313.220	312.820	312.280	311.780	313.410	313.480	313.300	312.930	312.810	---	312.230	312.240	MAX
MIN	312.840	312.260	311.780	311.880	311.800	313.310	312.930	312.810	312.270	---	312.100	312.010	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 313.480 ON JUN 11
MINIMUM DAILY, 311.880 ON APR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 46 10 N
LONG 86 33 05 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LONG LAKE DIVERSION TO LAKE SUPERIOR - STATION NO. 04JD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	38.7	51.1	44.6	33.1	36.0	89.6	43.3	19.2	24.8	22.0	8.70	8.70	1
2	38.4	50.0	44.2	32.6	35.0	88.3	42.7	19.4	24.4	23.3	8.80	10.6	2
3	37.7	49.0	43.6	32.5	14.1	45.4	43.0	19.4	24.1	22.8	8.30	9.70	3
4	37.4	47.6	43.5	32.2	0	45.4	42.7	20.2	23.8	22.3	8.30	9.80	4
5	41.2	47.3	42.8	31.6	0	46.4	41.7	20.2	23.5	22.0	8.80	19.3	5
6	43.8	46.8	42.5	31.5	0.700	47.4	42.0	19.8	23.2	22.0	8.30	27.8	6
7	43.8	46.8	42.2	31.2	2.80	48.5	42.0	19.4	23.0	22.0	8.30	28.7	7
8	43.6	82.0	41.5	30.8	58.2	48.5	41.0	19.2	22.7	21.8	8.30	28.4	8
9	42.6	80.1	41.2	30.6	55.0	48.8	41.0	18.8	22.4	20.8	8.70	27.0	9
10	42.2	58.3	40.6	30.3	58.0	48.8	41.7	18.8	23.1	13.8	8.80	26.4	10
11	41.5	56.6	40.2	30.0	71.4	48.8	41.3	18.8	21.8	8.30	9.10	25.5	11
12	46.6	55.7	39.9	30.3	78.3	48.8	40.7	18.4	21.8	8.70	9.30	25.5	12
13	51.3	54.3	39.2	29.4	78.7	49.1	40.3	18.9	21.3	8.80	9.80	25.2	13
14	53.8	54.3	38.8	29.4	83.3	48.1	40.3	20.7	21.0	8.50	9.50	24.8	14
15	53.6	53.6	38.2	29.4	86.8	47.8	39.0	31.4	20.8	9.30	9.90	24.4	15
16	52.8	52.9	37.8	29.1	88.8	47.4	38.4	31.1	20.8	9.50	9.90	24.4	16
17	52.6	52.1	37.8	29.1	92.3	47.1	42.8	30.2	20.2	8.80	8.70	24.1	17
18	51.4	51.4	37.2	28.8	93.1	48.4	44.2	29.0	20.2	8.70	9.80	24.4	18
19	50.7	50.7	36.8	28.8	93.1	48.4	43.8	28.4	19.8	8.30	9.30	23.8	19
20	50.0	50.0	36.8	28.8	93.1	45.7	43.5	28.3	19.8	8.70	9.70	23.2	20
21	49.0	49.3	36.3	28.5	93.1	45.4	42.5	29.0	19.7	8.80	9.80	23.2	21
22	49.3	48.8	35.8	28.5	92.3	45.0	41.8	28.4	19.4	8.00	9.30	23.0	22
23	49.3	47.8	35.8	28.1	92.3	45.0	41.2	28.4	19.2	8.30	9.80	22.7	23
24	48.3	47.3	35.3	28.5	92.3	45.4	40.5	27.8	18.8	8.00	9.80	23.7	24
25	47.3	46.8	35.0	29.1	90.8	45.0	39.9	28.7	18.8	8.00	9.70	23.0	25
26	48.8	48.2	34.7	29.7	90.8	44.7	39.5	28.4	18.4	8.00	9.70	22.1	26
27	48.8	48.8	34.4	30.8	90.2	48.4	39.1	28.1	18.1	7.80	9.80	22.4	27
28	48.2	48.2	34.0	32.5	88.5	48.0	38.8	25.8	17.8	8.00	9.80	22.1	28
29	48.8		33.7	33.4	89.4	43.7	19.8	25.8	18.8	8.30	9.80	21.8	29
30	48.2		33.4	33.7	89.0	43.0	19.7	25.3	22.8	8.70	8.90	21.8	30
31	51.1		33.1		89.8		19.4	25.0		9.10		21.8	31
TOTAL	1 436.8	1 426.7	1 181.4	912.0	2 133.700	1 452.2	1 186.2	754.8	633.8	382.80	278.20	684.40	TOTAL
MEAN	46.4	51.0	38.4	30.4	68.8	48.4	38.3	24.3	21.1	12.7	9.21	22.1	MEAN
MAX	53.8	82.0	44.6	33.7	93.1	89.6	44.2	31.4	24.8	23.2	9.80	27.8	MAX
MIN	37.4	46.2	33.1	28.1	0	43.0	19.4	18.4	17.8	7.80	8.30	8.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 34.3
MAXIMUM DAILY, 93.1 ON MAY 18
MINIMUM DAILY, 0 ON MAY 4

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 04 04 N
LONG 87 04 08 W

REGULATED SINCE 1939

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	124 000	JUL	102 000
FEB	133 000	AUG	65 200
MAR	103 000	SEP	54 800
APR	78 800	OCT	33 000
MAY	184 000	NOV	23 800
JUN	125 000	DEC	59 100

TOTAL DISCHARGE, 1 080 000 dam³

LONG-LEGGED RIVER BELOW LONG-LEGGED LAKE - STATION NO. 05QE012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.91	1.87	1.87	1.48	3.78	12.0	10.5	5.05	2.89	1.15	0.717A	0.671	1
2	1.91	1.86	1.85	1.51	4.21	12.1	10.4	5.02	2.79	1.13	0.858E	0.893	2
3	1.92	1.91	1.83	1.51	4.70	12.0	10.3	5.40	2.84	1.08	0.834A	0.673	3
4	1.93	1.89	1.84	1.48	5.32	11.8	10.0	5.30	2.85	0.988	0.858	0.857	4
5	1.92	1.87	1.83	1.48	6.12	11.6	10.0	5.18	2.58	0.992	0.725	0.888	5
6	1.92	1.88	1.83	1.48	6.47	11.5	10.0	4.93	2.48	1.05	0.702	0.884A	6
7	1.94	1.89	1.80	1.47	6.88	11.3	9.88	4.72	2.42	0.973	0.703	0.888	7
8	2.00	1.88	1.84	1.46	7.23	11.1	9.40	4.58	2.36	0.928	0.737	0.888	8
9	1.94	1.87	1.83	1.44	7.58	10.8	9.16	4.44	2.27	0.843	0.788	0.881	9
10	1.94	1.87	1.82	1.41	7.78	10.8	8.94	4.38	2.21	0.854	0.743	0.880	10
11	1.91	1.87	1.84	1.43	7.88	10.4	8.58	4.16	2.10	0.848	0.803	0.884	11
12	1.94	1.85	1.82	1.41	8.16	10.8	8.44	4.15	2.02	0.872	0.748	0.883	12
13	1.94	1.86	1.83	1.41	8.28	10.8	8.36	4.44	1.92	0.824	0.788	0.881	13
14	1.94	1.85	1.80	1.44	8.38	10.9	8.17	4.26	1.88	0.802	0.743	0.881	14
15	2.02	1.81	1.87	1.42	8.48	10.8	7.94	4.15	1.80	0.818	0.783	0.877	15
16	2.02	1.78	1.88	1.44	8.48	10.7	7.81	4.01	1.78	0.827	0.742	0.878	16
17	2.03	1.77	1.84	1.39	8.54	10.4	7.78	3.85	1.88	0.825	0.714A	0.880	17
18	2.03	1.78	1.82	1.38	8.88	10.3	7.80	3.73	1.83	0.808	0.702	0.872	18
19	2.08	1.76	1.81	1.37	9.13	10.1	7.30	3.88	1.84	0.888	0.713	0.888	19
20	2.03	1.78	1.81	1.37	9.58	9.74	7.08	3.84	1.82	0.882	0.727	0.881	20
21	2.01	1.74	1.48	1.37	8.88	10.2	8.91	3.77	1.80	0.842	0.887	0.884	21
22	1.98	1.72	1.48	1.40	8.78	10.6	8.88	3.88	1.84	0.838	0.883	0.888	22
23	1.98	1.88	1.44	1.44	8.84	10.7	8.60	3.58	1.48	0.838	0.883	0.878	23
24	1.98	1.85	1.46	1.57	8.44	10.8	8.15	3.44	1.33	0.820	0.888	0.899	24
25	1.97	1.70	1.44	1.80	10.5	10.8	8.00	3.30	1.38	0.809	0.880	0.725	25
26	1.98	1.72	1.44	2.08	11.4	10.8	5.92	3.26	1.28	0.810	0.885	0.707	26
27	2.01	1.89	1.45	2.38	11.8	11.0	5.75	3.23	1.18	0.784	0.883	0.721	27
28	2.02	1.89	1.46	2.78	12.0	10.8	5.37	3.11	1.20	0.787	0.878	0.718	28
29	1.98		1.46	3.08	12.1	10.8	5.19	3.12	1.17	0.772	0.877	0.711	29
30	1.98		1.49	3.41	12.1	10.8	5.16	3.07	1.11	0.788	0.877	0.704	30
31	2.01		1.51		12.0		5.07	2.97		0.737		0.706	31
TOTAL	61.18	50.63	48.11	60.07	266.13	326.54	242.06	128.10	58.54	28.084	21.295	21.197	TOTAL
MEAN	1.97	1.81	1.55	1.87	8.58	10.9	7.81	4.07	1.88	0.908	0.710	0.884	MEAN
MAX	2.08	1.87	1.87	3.41	12.1	12.1	10.5	5.40	2.89	1.15	0.803	0.725	MAX
MIN	1.91	1.88	1.44	1.37	3.78	9.74	5.07	2.97	1.11	0.737	0.834	0.857	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.58
MAXIMUM DAILY, 12.1 ON MAY 29
MINIMUM DAILY, 0.834A ON NOV 3
MAXIMUM INSTANTANEOUS,
12.2 AT 18:53 CST ON JUN 3

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 40 39 N
LONG 93 58 07 W
DRAINAGE AREA, 948 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 280	JUL	20 900
FEB	4 370	AUG	10 900
MAR	4 180	SEP	4 890
APR	4 330	OCT	3 430
MAY	23 000	NOV	1 840
JUN	28 200	DEC	1 830

TOTAL DISCHARGE, 112 000 dam³

LUCKNOW RIVER AT LUCKNOW - STATION NO. 02FB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.15	2.32	0.433B	2.14	0.500	0.715	0.344	0.091	0.105	0.093	0.138	0.883	1
2	1.05	1.63 B	0.420B	1.84	0.470	0.618	0.300	0.091	0.104	0.084	0.180	0.785	2
3	0.871	1.12 B	0.410B	1.62	0.443	0.525	0.285	0.092	0.102	0.100	0.309	0.715B	3
4	0.900B	0.905B	0.402B	2.00	0.424	0.497	0.244E	0.256	0.094	0.100	0.174	0.635B	4
5	0.838B	0.770B	0.398B	1.87	0.402	0.583	0.271E	0.447	0.088	0.101	0.180	0.575B	5
6	0.801	0.709	0.392B	1.88	0.474	0.438	0.213E	0.184	0.086	0.106	0.282	0.538B	6
7	0.785	0.688B	0.389B	1.85	0.482	0.384	0.183E	0.149	0.088	0.114	0.275	0.488B	7
8	2.98	0.676B	0.385B	1.45	0.581	0.321	0.167E	0.142	0.086	0.118	0.286	0.460B	8
9	2.14 B	0.640B	0.380B	1.26	0.492	0.286	0.158E	0.133	0.114	0.119	0.283	0.453B	9
10	1.81 B	0.605B	0.378B	1.18	0.428	0.703	0.148A	0.123	0.118	0.189	0.258	0.440B	10
11	1.22 B	0.575B	0.462B	1.18	0.387	0.583	0.143	0.118	0.115	0.335	0.281	0.437B	11
12	1.37	0.588B	0.448B	1.44	0.552	0.424	0.138	0.116	0.100	0.188	0.282	0.483B	12
13	1.43	0.585B	0.788E	1.81	0.813	0.337	0.135	0.109	0.099	0.161	0.235	0.450B	13
14	1.14	0.521	1.28 B	2.07	0.885	0.285	0.132	0.105	0.100	0.138	0.213	0.438B	14
15	1.02	0.553	8.33	2.14	0.888	0.289	0.126	0.115	0.102	0.140	0.410	0.425	15
16	0.887	0.500B	4.25	1.70	0.587	0.480	0.123	0.130	0.101	0.142	0.881	0.418B	16
17	0.815	0.480B	2.10	1.40	0.478	0.885	0.121	0.116	0.139	0.137	0.810	0.410B	17
18	0.798	0.460B	1.53	1.31	0.421	1.01	0.118	0.116	0.126	0.136	0.589	0.398B	18
19	0.831	0.445B	1.19 B	1.14	0.376	0.672	0.116	0.110	0.112	0.137	0.446	0.382B	19
20	0.810	0.436	1.03 B	1.01	0.387	0.629	0.116	0.113	0.106	0.188	0.842	0.385B	20
21	0.780B	0.427	0.910B	0.908	0.810	0.717	0.116	0.120	0.088	0.182	1.18	0.382B	21
22	0.750B	0.431	0.863B	0.818	0.498	0.612	0.114	0.116	0.086	0.188	0.837	0.374B	22
23	0.730	0.440B	0.830B	0.783	0.411	0.859	0.111	0.121	0.104	0.189	0.580	0.367B	23
24	0.725	0.480B	1.22	0.888	0.383	1.13	0.109	0.117	0.121	0.157	0.470	0.385B	24
25	0.883	0.480B	3.73	0.882	0.382	0.788	0.107	0.107	0.116	0.138	0.442	0.361B	25
26	1.37	0.485	4.82	0.823	1.47	0.588	0.105	0.102	0.108	0.131	0.573	0.358B	26
27	1.26	0.446	5.11	0.803	1.26	0.485	0.104	0.100	0.101	0.133	0.788	0.367B	27
28	1.08	0.445B	7.20	0.575	0.794	0.413	0.101	0.098	0.089	0.128	3.13	0.358B	28
29	1.13		7.01	0.833	0.585	0.360	0.100	0.112	0.097	0.124	2.23	0.355B	29
30	1.84		4.00	0.802	0.824	0.378	0.099	0.116	0.095	0.126	1.41	0.380B	30
31	2.08		2.88		0.730		0.094	0.113		0.124		0.800B	31
TOTAL	35.089	18.848	84.840	38.788	17.882	18.177	4.724	4.072	3.138	4.388	18.804	14.507	TOTAL
MEAN	1.18	0.686	2.08	1.28	0.570	0.808	0.152	0.131	0.105	0.142	0.627	0.488	MEAN
MAX	2.88	2.32	8.33	2.14	1.47	1.13	0.344	0.447	0.139	0.335	3.13	0.883	MAX
MIN	0.883	0.427	0.378	0.802	0.382	0.288	0.094	0.091	0.088	0.093	0.138	0.385	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.888
MAXIMUM DAILY, 8.33 ON MAR 15
MINIMUM DAILY, 0.088 ON SEP 8
MAXIMUM INSTANTANEOUS,
11.4 AT 14:10 EST ON MAR 15

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 57 44 N
LONG 81 30 58 W
DRAINAGE AREA, 84.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 120	JUL	468
FEB	1 810	AUG	382
MAR	5 810	SEP	271
APR	3 350	OCT	380
MAY	1 630	NOV	1 820
JUN	1 670	DEC	1 250

TOTAL DISCHARGE, 21 100 dam³

LUTTERAL CREEK NEAR DUSTIC - STATION NO. 02GA033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.880E	2.40 B	0.092B	1.24	0.842	1.72	0.280	0.035	0.030	0.018	0.074	0.888	1
2	0.820E	1.08 B	0.092B	1.12	0.628	1.87	0.248	0.035	0.031	0.183	0.214	0.474	2
3	0.880E	0.800B	0.091B	1.58	0.724	1.28	0.220	0.036	0.035	0.078	0.088	0.385B	3
4	0.810E	0.390B	0.091B	2.39	0.878	2.08	0.210	0.084	0.048	0.124	0.084	0.285B	4
5	0.470E	0.285B	0.091B	2.86	0.883	1.75	0.181	0.381	0.057	0.018	0.082	0.240B	5
6	0.440E	0.221B	0.090B	2.20	0.808	1.32	0.262	0.177	0.170	0.018	0.183	0.200B	6
7	0.380E	0.184B	0.090B	1.78	0.787	0.993	0.118	0.125	0.038	0.024	0.278	0.180B	7
8	0.510E	0.168B	0.084B	1.48	0.713	0.863	0.148	0.248	0.122	0.030	0.281	0.184B	8
9	0.470E	0.158B	0.104B	1.22	0.840	0.492	0.144	0.142	0.036	0.039	0.375	0.180B	9
10	0.910E	0.180B	0.118B	0.954	0.671	0.585	0.148	0.188	0.045	0.169	0.388	0.138B	10
11	0.780B	0.154B	0.140B	0.878	0.583	0.505	0.285	0.111	0.190	0.103	0.306	0.128B	11
12	0.580B	0.151B	0.260B	0.858	1.08	0.438	0.137	0.030	0.108	0.188	0.304	0.119B	12
13	0.460B	0.150B	0.500B	1.01	1.58	0.380	0.188	0.040	0.044	0.202	0.327	0.112B	13
14	0.520B	0.154B	1.05 B	1.16	1.50	0.345	0.070	0.226	0.087	0.027	0.388	0.108B	14
15	0.430B	0.188B	1.55 B	1.57	1.57	0.301	0.038	0.095	0.183	0.088	1.18	0.102B	15
16	0.375B	0.144B	2.70 B	1.61	1.18	0.312	0.048	0.184	0.033	0.218	2.38	0.088B	16
17	0.338B	0.130B	1.88 B	1.47	0.871	0.380	0.200	0.124	0.030	0.131	2.21	0.087B	17
18	0.305B	0.120B	1.10 B	1.38	0.844	0.575	0.137	0.124	0.100	0.107	1.83	0.088B	18
19	0.310B	0.108B	0.880B	1.15	0.582	0.408	0.138	0.033	0.119	0.178	1.48	0.088B	19
20	0.280B	0.103B	0.880B	0.822	0.582	0.888	0.035	0.081	0.158	0.110	1.12	0.094B	20
21	0.270B	0.101B	0.680B	0.840	0.848	0.788	0.038	0.217	0.088	0.213	1.05	0.094B	21
22	0.268B	0.100B	0.550B	0.780	0.581	3.02	0.085	0.112	0.142	0.227	0.859	0.094B	22
23	0.265B	0.098B	0.435B	0.699	0.488	4.12	0.050	0.085	0.021	0.348	0.831	0.094B	23
24	0.275B	0.087B	0.480B	0.630	0.470	3.22	0.038	0.055	0.021	0.123	0.526	0.093B	24
25	0.290B	0.088B	1.70	0.643	0.434	1.89	0.037	0.200	0.071	0.138	0.427	0.083B	25
26	0.550B	0.085B	4.71	0.801	0.883	1.05	0.067	0.028	0.183	0.182	0.420	0.091B	26
27	0.580B	0.094B	5.56	0.848	0.858	0.888	0.260	0.028	0.084	0.178	0.422	0.088B	27
28	0.900B	0.093B	6.55	0.780	0.578	0.550	0.078	0.148	0.083	0.123	0.838	0.087B	28
29	0.820B		5.87	0.818	0.530	0.426	0.048	0.088	0.111	0.185	0.788	0.085B	29
30	1.41 B		3.38	0.676	1.10	0.382	0.043	0.078	0.018	0.283	0.728	0.084B	30
31	1.85 B		2.08		1.23		0.128	0.191		0.264		0.084B	31
TOTAL	18.903	7.784	43.805	35.448	24.254	32.880	4.028	3.881	2.428	4.242	20.028	4.950	TOTAL
MEAN	0.810	0.278	1.40	1.18	0.782	1.10	0.130	0.118	0.081	0.137	0.888	0.160	MEAN
MAX	1.85	2.40	6.55	2.86	1.58	4.12	0.280	0.381	0.190	0.348	2.38	0.888	MAX
MIN	0.265	0.083	0.080	0.801	0.434	0.301	0.035	0.028	0.018	0.018	0.084	0.084	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.884
MAXIMUM DAILY, 6.55 ON MAR 28
MINIMUM DAILY, 0.018 ON OCT 1

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 38 48 N
LONG 80 15 19 W
DRAINAGE AREA, 84.8 km²
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 630	JUL	348
FEB	873	AUG	318
MAR	3 780	SEP	210
APR	3 060	OCT	387
MAY	2 100	NOV	1 730
JUN	2 850	DEC	428

TOTAL DISCHARGE, 17 800 dam³

LYN CREEK NEAR LYN - STATION NO. 02HB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3808	4.80	0.2788	5.17	0.748	0.821	0.247	0.028	0.017	0.040	0.422	1.82 B	1
2	0.3808	3.27	0.2868	4.83	1.38	0.838	0.218	0.028	0.018	0.098	0.842	1.30 B	2
3	0.3408	1.08	0.2038	5.74	2.87	0.887	0.188	0.028	0.034	0.082	0.448	1.13 B	3
4	0.3208	0.803	0.1888	5.83	3.48	0.784	0.158	0.027	0.043	0.039	0.398	0.8858	4
5	0.3008	0.484	0.1648	10.1	1.91	0.808	0.127	0.028	0.030	0.042	0.401	0.8408	5
6	0.2708	0.482	0.1388	7.83	2.28	0.487	0.113	0.048	0.028	0.058	0.478	0.8858	6
7	0.2308	0.442	0.1208	8.00	3.88	0.404	0.088	0.087	0.021	0.044	0.899	0.8278	7
8	0.8808	0.394	0.1108	6.10	3.88	0.328	0.081	0.052	0.021	0.043	1.32	0.7758	8
9	2.80 B	0.3758	0.0888	4.80	4.98	0.284	0.080	0.048	0.021	0.048	1.52	0.7248	9
10	2.10 B	0.3488	0.0808	4.01 A	3.74	0.888	1.11	0.048	0.018	0.058	1.78	0.8838	10
11	1.80 B	0.3308	0.0888	3.44	3.20	1.10	2.12	0.031	0.024	0.058	1.48	0.8308	11
12	0.6888	0.3208	0.0878	3.00	5.08	0.780	0.884	0.018	0.021	0.083	1.48	0.8878	12
13	0.5308	0.3108	0.0878	2.78	5.88	0.528	0.521	0.020	0.017	0.054	1.17	0.5238	13
14	0.4808	0.3088	0.1288	2.87	5.18	0.442	0.387	0.022	0.017	0.083	1.17	0.5028	14
15	0.4408	0.3008	0.18 B	2.77	3.88	0.384	0.288	0.031	0.018	0.087	2.88	0.4788	15
16	0.4248	0.2888	11.8	2.81	2.88	0.371	0.242	0.033A	0.017	0.097	4.85	0.4408	16
17	0.4088	0.2808	3.24	2.84	3.48	1.73	0.188	0.017A	0.020	0.188	5.57	0.4058	17
18	0.3928	0.2888	1.21	3.18	1.87	2.02	0.133	0.013	0.021	0.308	3.84	0.3708	18
19	0.3788	0.2838	1.83	2.84	1.82	1.28	0.138	0.012	0.027	0.278	3.13	0.3408	19
20	0.3808	0.2808	1.38	2.38	1.33	0.883	0.100	0.020	0.030	0.418	3.14	0.3288	20
21	0.3448	0.3658	1.00	1.87	1.18	0.851	0.082	0.030	0.033	1.13	5.03	0.3108	21
22	0.3288	0.4858	0.854	1.88	1.04	1.11	0.080	0.082	0.024	0.872	3.77 B	0.2988	22
23	0.3128	0.4288	0.782	1.48	0.938	0.948	0.088	0.044	0.088	0.887	2.87 B	0.2808	23
24	0.2988	0.3808	0.748	1.38	0.842	0.788	0.088	0.021	0.201	0.582	1.91 B	0.2658	24
25	0.2808	0.3708	1.11	1.20	0.741	0.884	0.077	0.018	0.122	0.480	1.58	0.2608	25
26	0.2758	0.3428	8.85	1.08	0.714	0.513	0.078	0.015	0.078	0.402	1.74	0.2408	26
27	0.2808	0.3238	13.5	1.01	0.777	0.482	0.083	0.011	0.088	0.382	2.09	0.2348	27
28	0.2808	0.3058	14.5	0.928	0.872	0.418	0.047	0.008	0.083	0.280	2.93	0.2288	28
29	0.3858		13.3	0.841	0.881	0.388	0.080	0.010	0.088	0.312	3.34 B	0.2188	29
30	0.5078		7.75	0.775	0.803	0.308	0.048	0.012	0.048	0.283	2.09 B	0.2228	30
31	2.00 B		7.88		0.812		0.033	0.012		0.243		0.2208	31
TOTAL	18.118	17.283	88.800	107.282	81.947	21.888	8.120	0.848	1.248	7.884	83.871	17.238	TOTAL
MEAN	0.584	0.817	3.18	3.58	2.84	0.720	0.282	0.027	0.042	0.248	2.12	0.556	MEAN
MAX	2.80	4.80	14.5	10.1	5.88	2.02	2.12	0.087	0.201	1.12	5.57	1.82	MAX
MIN	0.230	0.280	0.087	0.775	0.803	0.284	0.033	0.008	0.017	0.039	0.398	0.220	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.22
MAXIMUM DAILY, 14.5 ON MAR 28
MINIMUM DAILY, 0.008 ON AUG 28
MAXIMUM INSTANTANEOUS,
27.4 AT 23:00 EST ON MAR 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 31 30 N
LONG 78 48 18 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 570	JUL	702
FEB	1 490	AUG	73.4
MAR	8 510	SEP	106
APR	9 270	OCT	884
MAY	7 080	NOV	5 500
JUN	1 870	DEC	1 490

TOTAL DISCHARGE, 38 300 dam³

LYNDE CREEK NEAR WHITBY - STATION NO. 02HC018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5178	1.80 B	0.3388	0.833	0.788	0.780	0.237	0.078	0.818	0.212	1.00	0.5938	1
2	0.4858	1.00 B	0.3318	0.808	1.18	1.02	0.228	0.308	0.577	0.303	0.708	0.5208	2
3	0.4708	0.7008	0.3288	1.88	1.24	0.723	0.188	0.278	0.288	0.287	0.723	0.5108	3
4	0.4488	0.5808	0.3258	3.55	0.853	0.547	0.184	0.333	0.287	0.237	0.581	0.4608	4
5	0.4408	0.5008	0.3228	2.12	1.38	0.441	0.178	1.00	0.210	0.214	0.552	0.4358	5
6	0.4388	0.4858	0.3208	1.40	2.72	0.385	0.188	0.383	0.188	0.231	0.883	0.4708	6
7	0.5808	0.4408	0.3188	1.25	2.18	0.318	0.158	0.280	0.482	0.222	0.854	0.4108	7
8	3.58 B	0.4258	0.3158	0.988	3.24	0.378	0.155	0.241	0.518	0.218	1.48	0.3838	8
9	2.60 B	0.4158	0.3108	0.872	1.36	0.422	0.148	0.198	0.381	0.201	1.84	0.3758	9
10	1.40 B	0.4108	0.3088	0.818	0.854	0.440	0.148	0.184	0.288	0.348	1.12	0.3708	10
11	0.8408	0.4058	0.3088	0.732	0.938	0.388	0.132	0.139	0.232	0.781	0.812	0.3808	11
12	0.7008	0.4008	0.3048	0.882	5.17	0.288	0.120	0.132	0.238	0.470	0.743	0.3578	12
13	0.8008	0.3958	0.3028	1.24	3.18	0.262	0.118	0.130	0.212	0.345	0.656	0.3338	13
14	0.5008	0.3808	0.3008	1.07	1.48	0.252	0.114	0.125	0.218	0.278	0.568	0.3208	14
15	0.4708	0.5408	0.18 B	1.78	1.03	0.283	0.104	0.148	0.313	0.490	5.88	0.3088	15
16	0.4438	0.4808	1.80 B	1.31	0.887	0.284	0.120	0.178	0.278	0.811	5.82	0.3008	16
17	0.4308	0.4408	0.9008	1.11	0.788	0.484	0.110	0.143	0.278	0.630	2.81	0.2928	17
18	0.4208	0.4108	0.7808	1.14	0.888	0.448	0.100	0.128	0.238	0.512	1.24	0.2858	18
19	0.4708	0.3888	0.6908	0.958	0.878	0.387	0.102	0.112	0.208	0.488	0.855	0.2798	19
20	0.4258	0.3888	0.6408	0.838	0.844	3.84	0.115	0.188	0.188	1.16	4.28	0.2738	20
21	0.4058	0.3808	0.6108	0.780	0.834	4.24	0.110	0.208	0.170	1.40	4.80	0.2678	21
22	0.4008	0.3788	0.5908	0.785	0.885	3.74	0.108	0.188	0.888	1.19	1.22 B	0.2628	22
23	0.3938	0.3888	0.5758	0.878	0.815	1.34	0.107	0.158	1.24	0.838	0.9038	0.2588	23
24	0.3878	0.3808	0.5608	0.853	0.457	0.738	0.094	0.150	0.488	0.884	0.8108	0.2528	24
25	0.3848	0.3558	4.42 B	0.888	0.418	0.528	0.084	0.128	0.342	0.512	0.892	0.2508	25
26	0.9128	0.3528	8.08 B	0.882	0.458	0.448	0.081	0.118	0.321	0.488	0.883	0.2468	26
27	0.7808	0.3488	3.77	0.883	0.424	0.387	0.117	0.098	0.284	0.428	0.851	0.2448	27
28	0.7008	0.3438	3.72	0.831	0.401	0.358	0.140	0.117	0.230	0.422	2.36	0.2428	28
29	0.8508		3.31	0.878	0.340	0.298	0.101	0.183	0.203	0.388	0.8878	0.2388	28
30	4.84 B		1.38	0.894	0.432	0.267	0.089	0.180	0.188	0.375	0.8868	0.2378	30
31	2.70 B		1.19		0.838		0.081	0.128		0.478		0.3408	31
TOTAL	28.888	13.878	43.880	32.371	35.851	23.288	4.083	8.284	10.428	15.783	47.208	10.811	TOTAL
MEAN	0.825	0.488	1.41	1.08	1.15	0.778	0.131	0.202	0.348	0.508	1.57	0.342	MEAN
MAX	4.84	1.80	8.18	3.55	5.17	4.24	0.237	1.00	1.24	1.40	5.88	0.820	MAX
MIN	0.384	0.343	0.300	0.831	0.340	0.262	0.081	0.078	0.188	0.201	0.552	0.237	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.744
MAXIMUM DAILY, 8.18B ON MAR 15
MINIMUM DAILY, 0.078 ON AUG 1
MAXIMUM INSTANTANEOUS,
13.5 AT 22:17 EST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 53 32 N
LONG 78 57 43 W
DRAINAGE AREA, 108 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 480	JUL	351
FEB	1 180	AUG	840
MAR	3 780	SEP	801
APR	2 800	OCT	1 380
MAY	2 080	NOV	4 080
JUN	2 010	DEC	917

TOTAL DISCHARGE, 23 800 dam³

LYNN RIVER AT SIMCOE - STATION NO. 02SC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.82	1.89	1.18	2.28	1.67	1.41	1.20	0.727	1.11	0.886	1.08	1.47	1
2	1.78	1.80	1.12	2.07	1.74	2.18	1.18	0.727	0.815	0.929	1.08	1.44	2
3	1.858	1.64	1.12	2.82	1.84	2.04	1.18	0.702	0.802	0.908	1.06	1.39	3
4	1.808	1.47	1.32	3.06	1.84	1.82	1.26	0.738	0.776	0.876	1.03	1.32	4
5	1.808	1.40	2.77	2.80	1.82	1.78	1.22	0.776	0.782	0.853	1.06	1.32	5
6	1.468	1.38	1.87	2.41	1.81	1.82	1.18	0.784	0.787	0.858	1.14	1.37	6
7	1.478	1.36	1.30	2.19	1.70	1.43	1.10	0.758	0.803	0.834	1.28	1.42	7
8	2.51	1.31	1.288	2.07	1.87	1.35	1.03	0.720	0.788	0.823	1.28	1.23	8
9	2.16	1.278	1.218	1.98	1.82	1.34	1.02	0.722	0.788	0.827	1.38	1.17	9
10	1.82	1.248	1.19	1.88	1.74	1.33	0.951	0.880	0.738	1.28	1.70	1.22	10
11	1.85	1.228	1.22	1.81	1.80	1.27	0.855	0.845	0.788	1.13	1.57	1.23	11
12	1.81	1.25	1.27	1.88	1.83	1.36	0.857	0.835	0.744	1.02	1.42	1.19	12
13	1.72	1.36	1.23	2.10	1.81	1.38	0.838	0.857	0.748	0.989	1.34	1.18	13
14	1.88	1.71	1.28	2.08	1.72	1.68	0.801	0.842	0.878	0.913	1.48	1.12	14
15	1.83	1.58	1.44	2.31	1.84	1.28	0.713	0.787	0.908	0.898	2.10	1.11	15
16	1.80	1.338	1.42	2.17	1.88	1.48	0.708	0.828	1.00	1.01	2.80	1.07	16
17	1.48	1.268	1.34	2.27	1.83	1.38	0.720	0.787	1.48	1.02	2.27	1.07 B	17
18	1.488	1.238	2.23	2.38	1.44	1.31	0.690	0.884	0.871	0.967	1.83	1.08 B	18
19	1.498	1.22	1.80	2.18	1.38	1.28	0.678	0.894	0.882	1.08	1.88	1.06 B	19
20	1.58	1.22	1.71	2.04	1.48	1.28	1.05	0.805	0.845	1.48	2.14	1.03 B	20
21	1.41	1.42	1.82	1.87	1.39	1.26	0.848	0.723	0.814	1.71	2.18	1.02 B	21
22	1.37	1.40	1.83	1.83	1.38	3.47	0.824	0.843	2.82	1.54	1.85	1.00 B	22
23	1.38	1.27	1.87	1.75	1.48	2.24	0.788	0.780	2.84	1.43	1.65	0.9808	23
24	1.38	1.128	1.87	1.78	1.42	1.82	0.784	0.728	1.48	1.28	1.85	0.971	24
25	1.37	1.118	1.74	1.70	1.82	1.44	0.778	0.707	1.18	1.21	1.82	0.9808	25
26	2.71	1.20	1.83	1.81	1.70	1.14	0.818	0.688	1.04	1.18	1.58	0.9808	26
27	2.08	1.168	1.88	1.71	1.68	1.31	0.845	0.859	0.973	1.12	1.61	0.9808	27
28	1.88	1.178	2.08	1.68	1.36	1.38	0.850	0.884	0.938	1.08	1.84	0.9708	28
29	1.82		2.28	1.80	1.34	1.29	0.737	0.933	0.908	1.08	1.70	0.9808	29
30	1.82		2.33	1.86	1.48	1.28	0.727	0.782	0.881	1.13	1.58	1.04	30
31	1.85		2.40		1.48		0.723	0.714		1.08		1.40	31
TOTAL	52.24	38.00	50.28	62.15	49.35	46.77	27.887	22.274	31.302	33.434	47.85	36.871	TOTAL
MEAN	1.69	1.36	1.62	2.07	1.59	1.63	0.900	0.718	1.04	1.08	1.59	1.18	MEAN
MAX	2.71	1.89	2.77	3.06	1.93	3.47	1.26	0.833	2.84	1.71	2.80	1.47	MAX
MIN	1.36	1.11	1.12	1.86	1.34	1.08	0.678	0.694	0.738	0.823	1.03	0.980	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.35
MAXIMUM DAILY, 3.47 ON JUN 22
MINIMUM DAILY, 0.664 ON AUG 19
MAXIMUM INSTANTANEOUS,
13.8 AT 20:21 EST ON SEP 22

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 48 21 N
LONG 80 17 22 W
DRAINAGE AREA, 134 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 510	JUL	2 410
FEB	3 280	AUG	1 920
MAR	4 340	SEP	2 700
APR	5 370	OCT	2 880
MAY	4 280	NOV	4 120
JUN	3 950	DEC	3 080

TOTAL DISCHARGE, 42 800 dam³

MAD RIVER BELOW AVENING - STATION NO. 02ED015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.788	12.0 B	1.418	14.8	3.61	2.95	2.09	0.898	0.869	0.843	0.713	2.008	1
2	4.188	8.708	1.368	13.1	3.34	2.75	1.97	0.738	0.824	0.728	0.842	1.808	2
3	3.718	7.208	1.348	12.8	3.59	2.45	1.76	0.782	0.824	0.726	0.824	1.808	3
4	3.588	5.808	1.318	13.2	3.33	2.89	2.03	1.07	0.870	0.808	0.781	1.738	4
5	3.408	5.098	1.298	12.0	3.31	2.89	1.78	1.11	0.735	0.886	0.791	1.888	5
6	3.348	4.508	1.288	11.7	3.42	2.34	1.59	0.978	0.818	0.883	0.831	1.828	6
7	3.298	3.908	1.238	10.6	3.78	2.26	1.58	0.956	0.863	0.581	1.00	1.588	7
8	5.448	3.408	1.208	9.17	5.59	2.11	1.42	1.00	0.644	0.578	1.38	1.528	8
9	6.008	3.238	1.188	8.22	4.80	2.83	1.38	0.850	0.710	0.788	1.48	1.488	9
10	6.208	2.858	1.168	7.18	4.22	4.88	1.36	0.908	0.852	0.890	1.27	1.458	10
11	5.408	2.638	1.148	6.51	4.11	3.30	1.28	0.888	0.881	1.04	1.14	1.428	11
12	4.808	2.388	1.128	6.44	10.8	2.82	1.26	0.793	0.850	0.907	0.959	1.388	12
13	4.408	2.218	1.118	6.61	8.46	2.38	1.23	1.30	0.838	0.834	1.03	1.358	13
14	4.008	2.468	1.418	6.24	6.83	2.17	1.18	1.32	0.848	0.853	0.801	1.328	14
15	3.808	3.678	14.3 B	6.27	6.29	2.28	1.14	1.11	0.841	1.43	1.48	1.388	15
16	3.808	2.348	6.728	6.06	5.47	2.20	1.13	0.971	0.810	1.48	3.04	1.278	16
17	3.488	2.158	4.208	6.01	4.86	2.07	1.18	0.831	1.32	1.17	2.00	1.288	17
18	3.358	2.028	3.638	5.70	4.37	1.95	1.13	0.840	1.12	1.22	1.82 B	1.228	18
19	3.228	1.928	3.358	5.26	4.01	1.82	1.04	0.737	0.811	1.13	1.80 B	1.208	19
20	3.148	1.838	3.808	4.92	3.93	4.06	1.07	0.740	0.897	1.87	1.88 B	1.188	20
21	3.088	1.788	3.438	4.72	4.22	3.75	1.02	0.785	0.878	1.31	2.10 B	1.188	21
22	3.028	1.718	3.308	4.47	3.86	8.47	1.01	0.822	0.826	1.18	2.30 B	1.148	22
23	3.008	1.698	3.228	4.31	3.59	8.51	0.980	0.706	1.38	1.10	1.98 B	1.128	23
24	2.988	1.638	7.048	4.11	3.14	4.39	1.01	0.715	0.932	1.05	1.90 B	1.108	24
25	3.008	1.588	12.3 B	4.12	3.10	3.77	0.980	0.880	0.826	0.918	1.85 B	1.088	25
26	3.028	1.568	24.0 B	4.25	3.74	3.81	0.895	0.871	0.872	0.898	1.80 B	1.068	26
27	3.068	1.518	24.7 B	4.24	3.11	2.98	1.05	0.814	0.782	0.836	1.95 B	1.078	27
28	3.128	1.488	36.1	4.09	2.83	2.67	0.998	0.882	0.738	0.778	4.00 B	1.088	28
29	3.268		32.8	3.89	2.81	2.40	1.03	0.810	0.877	1.10	2.80 B	1.088	29
30	3.558		20.5	3.81	2.68	2.23	1.05	0.721	0.881	0.908	2.40 B	1.088	30
31	8.008		17.5		2.88		0.824	0.848		0.777		1.808	31
TOTAL	122.18	83.25	239.32	214.30	134.93	91.28	38.385	28.187	33.148	39.243	48.722	42.09	TOTAL
MEAN	3.94	2.33	7.72	7.14	4.35	3.04	1.27	0.844	0.772	0.843	1.82	1.38	MEAN
MAX	8.00	12.0	36.1	14.8	10.9	8.51	2.09	1.32	1.38	1.87	4.00	2.00	MAX
MIN	2.98	1.48	1.11	3.51	2.88	1.82	0.824	0.671	0.677	0.578	0.713	1.05	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.02
MAXIMUM DAILY, 36.1 ON MAR 26
MINIMUM DAILY, 0.671 ON AUG 28
MAXIMUM INSTANTANEOUS,
53.8 AT 22:36 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 18 20 N
LONG 80 04 11 W
DRAINAGE AREA, 238 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 800	JUL	3 400
FEB	8 080	AUG	2 280
MAR	20 700	SEP	3 000
APR	18 800	OCT	3 530
MAY	11 700	NOV	4 210
JUN	7 890	DEC	3 640

TOTAL DISCHARGE, 98 500 dam³

MADAWASKA RIVER AT BARK LAKE DAM - STATION NO. 02KD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.5	82.8	42.5	14.8	5.00	83.6	28.3	7.80	14.4	14.8	5.00	26.3	1
2	24.8	75.8	40.1	14.8	4.80	83.1	28.8	7.70	14.4	10.0	5.00	26.3	2
3	24.0	71.2	38.0	15.8	5.00	28.8	28.5	7.70	14.4	9.80	5.00	26.3	3
4	41.3	68.8	38.0	15.0	5.00	28.8	28.5	7.70	14.4	9.80	5.00	26.3	4
5	82.0	64.8	34.0	16.3	5.00	28.7	28.3	7.70	10.0	9.00	5.00	32.3	5
6	74.4	60.7	28.3	16.7	5.00	28.7	17.1	7.70	10.0	5.40	5.00	32.8	6
7	74.4	59.2	25.9	17.1	5.00	28.2	14.2	7.70	9.80	5.30	5.00	32.8	7
8	74.4	82.9	25.2	17.3	5.00	25.8	14.0	7.80	8.80	5.20	5.00	38.4	8
9	81.8	80.4	13.8	17.5	5.00	26.1	14.0	7.80	9.70	5.10	5.00	37.3	9
10	97.8	77.1	12.7	18.3	9.80	25.8	9.00	8.80	9.80	5.00	5.00	38.3	10
11	113	74.1	12.8	18.3	5.00	25.8	10.8	7.80	9.80	5.00	5.00	38.0	11
12	108	71.1	12.5	18.3	9.70	35.7	10.8	7.80	9.50	5.00	5.00	34.0	12
13	96.0	73.5	12.5	9.50	9.70	51.2	10.8	7.40	9.30	5.00	5.00	34.0	13
14	84.0	72.0	12.3	9.80	9.80	72.3	10.8	3.00	9.30	5.00	5.00	30.0	14
15	92.0	69.8	11.5	9.50	8.80	45.8	10.8	8.60	9.30	5.00	5.00	29.5	15
16	72.8	74.4	11.4	7.80	27.8	43.7	10.8	8.60	9.30	5.00	5.50	28.5	16
17	82.5	70.8	14.7	8.80	30.0	41.7	3.00	8.60	9.30	5.00	6.10	28.3	17
18	79.5	68.2	11.8	8.80	29.0	38.7	7.80	14.0	9.10	5.00	8.40	27.7	18
19	81.5	68.0	12.2	8.50	30.0	80.0	7.80	14.0	9.10	4.80	8.80	28.5	19
20	112	67.5	12.7	8.00	30.0	41.0	7.80	14.0	9.00	4.80	8.80	28.5	20
21	115	66.3	12.8	5.00	30.0	30.8	7.80	13.0	8.80	4.80	7.50	24.8	21
22	119	65.0	12.7	5.90	30.0	27.1	7.80	8.90	8.80	4.80	7.50	24.0	22
23	83.5	65.0	13.1	8.80	31.8	31.2	7.80	8.50	9.10	4.90	8.00	23.4	23
24	86.5	63.9	13.4	7.70	44.2	32.0	3.00	8.50	5.00	5.00	16.3	23.0	24
25	82.4	63.3	13.8	5.80	45.8	33.0	7.80	8.50	3.00	5.00	23.0	22.2	25
26	84.1	62.7	14.2	5.00	46.0	38.0	7.80	8.50	3.00	5.00	18.3	21.8	26
27	77.5	65.3	14.5	4.80	46.4	37.8	7.80	8.50	3.00	2.70	24.4	21.0	27
28	74.5	63.0	13.6	5.00	46.8	36.6	7.80	3.00	13.8	2.70	25.1	21.0	28
29	71.5		14.1	5.00	46.3	38.3	7.80	9.40	14.8	2.70	26.1	21.0	29
30	77.8		14.8	5.00	58.8	28.5	7.80	9.90	14.8	5.00	26.3	20.4	30
31	70.1		14.7		80.0		3.00	10.2		5.00		19.8	31
TOTAL	2 493.8	1 855.2	570.2	308.40	730.80	1 079.1	383.40	257.00	283.70	179.30	286.70	869.7	TOTAL
MEAN	80.4	89.8	18.4	10.3	23.6	36.0	11.7	8.81	9.79	5.78	9.58	27.8	MEAN
MAX	119	82.8	42.5	18.3	80.0	72.3	28.5	14.0	14.8	14.8	26.3	38.4	MAX
MIN	24.0	63.0	11.4	4.80	4.80	26.8	3.00	3.00	3.00	2.70	5.00	19.8	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.7
MAXIMUM DAILY, 119 ON JAN 22
MINIMUM DAILY, 3.00 ON JUL 17

DATA CONTRIBUTED BY -
ONTARIO HYDRO

TYPE OF GAUGE - MANUAL
LOCATION - LAT 45 24 59 N
LONG 77 47 17 W
DRAINAGE AREA, 2 730 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	215 000	JUL	31 400
FEB	189 000	AUG	23 100
MAR	48 300	SEP	25 400
APR	26 800	OCT	15 500
MAY	63 100	NOV	24 800
JUN	93 200	DEC	74 000

TOTAL DISCHARGE, 810 000 dam³

MADAWASKA RIVER AT PALMER RAPIDS - STATION NO. 02KD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	49.8	107	70.1	145	54.7	101	59.7	12.5	11.5	11.1	20.3	57.4	1
2	49.4	107	59.7	144	55.8	85.0	59.2	12.7	12.2	11.4	20.2	58.7	2
3	54.8	108	45.0	145	56.8	83.1	58.8	12.8	12.1	11.7	22.3	58.4	3
4	70.3	107	45.4	151	60.5	80.8	49.8	12.8	12.2	11.8	25.8	55.1	4
5	80.0	107	45.5	183	83.0	88.8	42.8	12.7	12.3	11.8	26.4	58.9	5
6	104	108	45.5	188	86.8	78.3	34.0	12.2	12.4	11.7	25.8	49.4	6
7	116	104	48.4	203	90.8	88.8	26.7	11.8	12.7	11.8	25.5	55.5	7
8	125	102	48.1	195	112	72.4	26.5	11.5	12.8	11.5	25.6	57.8	8
9	123	101	38.8	190	116	61.4	25.7	11.4	13.0	11.4	28.2	57.8	9
10	123	101	34.1	184	128	89.3	26.1	11.5	13.0	11.3	28.8	57.5	10
11	125	101	33.5	178	131	107	26.3	11.8	13.0	11.4	27.1	53.5	11
12	126	100	33.2	170	138	119	26.0	11.3	13.0	11.5	27.2	58.2	12
13	126	97.0	27.6	160	143	143	25.9	11.0	13.0	11.6	30.0	58.3	13
14	124	95.2	20.8	131	142	151	23.8	10.8	12.9	11.5	35.6	58.3	14
15	120	94.5	33.0	110	151	118	21.1	10.8	12.9	11.5	38.4	58.3	15
16	103	94.5	42.6	108	171	90.8	20.5	10.9	13.0	12.1	48.3	58.0	16
17	80.8	94.2	42.5	85.6	175	93.1	17.7	10.8	13.3	11.9	62.6	53.5	17
18	97.8	93.9	42.9	53.0	160	94.5	15.3	11.0	13.3	15.1	61.6	46.6	18
19	124	53.0	42.9	85.5	142	102	15.3	11.2	13.3	18.2	61.8	47.3	19
20	122	92.7	43.4	57.9	138	97.0	15.3	11.7	13.2	18.7	62.3	47.7	20
21	122	83.8	48.2	48.1	134 A	88.0	15.2	12.3	13.2	18.8	67.3	47.9	21
22	124	77.6	54.3	47.7	121 A	85.7	14.8	12.4	14.1	19.5	72.6	47.9	22
23	131	76.5	54.3	48.5	94 7A	85.8	14.9	12.3	42.3	19.3	72.4	47.7	23
24	138	79.0	53.9	50.4	97 1A	85.8	13.5	12.1	56.8	28.2	76.8	47.1	24
25	127	79.0	53.5	51.4	108 A	86.3	12.6	11.8	30.8	31.4	83.3	46.4	25
26	115	78.9	54.2	52.0	106 A	86.8	12.8	11.8	13.9	26.6	82.5	46.3	26
27	109	79.0	55.5	52.5	107 A	81.7	12.8	11.0	10.5	22.8	72.3	45.8	27
28	105	71.4	72.3	52.9	108 A	68.7	13.1	10.8	10.1	19.6	59.3	42.0	28
29	107		113	53.6	104 A	80.1	13.0	10.8	10.4	20.2	64.5	38.4	29
30	108		128	54.1	104 A	59.9	12.7	11.2	10.8	19.8	66.1	38.2	30
31	107		141		108		12.5	10.9		19.8		38.3	31
TOTAL	3 348.0	2 827.3	1 881.5	3 387.6	3 481.6	2 949.9	761.8	360.0	488.8	497.5	1 419.2	1 989.8	TOTAL
MEAN	108	93.8	53.8	113	112	98.3	24.6	11.8	15.8	16.0	47.2	53.8	MEAN
MAX	139	107	141	203	175	151	59.7	12.8	56.8	31.4	83.3	57.9	MAX
MIN	49.4	71.4	20.8	48.1	54.7	50.8	12.5	10.8	10.1	11.1	20.2	38.4	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 61.2
MAXIMUM DAILY, 203 ON APR 7
MINIMUM DAILY, 10.1 ON SEP 28
MAXIMUM INSTANTANEOUS,
207 AT 19:24 EST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 19 39 N
LONG 77 30 50 W
DRAINAGE AREA, 5 800 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	289 000	JUL	65 800
FEB	227 000	AUG	31 100
MAR	144 000	SEP	40 300
APR	293 000	OCT	43 000
MAY	301 000	NOV	122 000
JUN	229 000	DEC	164 000

TOTAL DISCHARGE, 1 930 000 dam³

MADAWASKA RIVER AT STEWARTVILLE - STATION NO. 02KE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	45.0	126	124	201	42.0	127	57.0	8.00	12.0	17.0	28.0	120	1
2	48.0	115	98.0	221	59.0	105	7.00	15.0	4.00	22.0	37.0	107	2
3	70.0	86.0	84.0	202	10.0	86.0	86.0	41.0	4.00	3.00	11.0	34.0	3
4	112	120	40.0	180	22.0	80.0	84.0	57.0	6.00	5.00	3.00	57.0	4
5	187	104	20.0	258	80.0	82.0	49.0	10.0	10.0	6.00	17.0	81.0	5
6	82.0	100	86.0	270	23.0	87.0	71.0	0	6.00	18.0	31.0	82.0	6
7	81.0	93.0	158	285	26.0	84.0	57.0	15.0	14.0	8.00	41.0	80.0	7
8	46.0	110	88.0	247	72.0	93.0	0	15.0	15.0	9.00	48.0	126	8
9	107	104	101	283	106	93.0	6.00	7.00	8.00	9.00	34.0	48.0	9
10	108	93.0	36.0	184	177	108	36.0	15.0	3.00	19.0	34.0	38.0	10
11	107	77.0	40.0	208	183	148	31.0	9.00	4.00	24.0	44.0	77.0	11
12	130	82.0	33.0	200	224	144	24.0	7.00	8.00	13.0	28.0	73.0	12
13	118	138	77.0	189	182	150	41.0	8.00	8.00	12.0	38.0	71.0	13
14	135	166	22.0	171	218	171	23.0	4.00	7.00	24.0	60.0	69.0	14
15	103	138	71.0	111	214	148	4.00	8.00	13.0	14.0	81.0	78.0	15
16	128	92.0	87.0	100	280	117	8.00	20.0	8.00	18.0	102	28.0	16
17	77.0	121	49.0	102	218	87.0	58.0	8.00	8.00	12.0	108	28.0	17
18	87.0	88.0	81.0	93.0	204	112	31.0	0	7.00	13.0	82.0	81.0	18
19	121	86.0	85.0	70.0	188	92.0	0	8.00	10.0	18.0	88.0	84.0	19
20	187	110	117	48.0	178	122	10.0	4.00	8.00	18.0	84.0	88.0	20
21	104	86.0	88.0	26.0	172	103	8.00	8.00	10.0	31.0	110	70.0	21
22	74.0	113	117	31.0	152	153	38.0	14.0	12.0	28.0	85.0	83.0	22
23	112	108	83.0	36.0	134	141	0	11.0	8.00	29.0	88.0	84.0	23
24	128	118	87.0	80.0	110	75.0	11.0	8.00	28.0	31.0	147	0	24
25	148	91.0	91.0	47.0	138	17.0	10.0	12.0	48.0	28.0	88.0	8.00	25
26	133	74.0	84.0	30.0	120	148	13.0	5.00	31.0	34.0	84.0	84.0	26
27	113	103	82.0	83.0	132	108	18.0	8.00	9.00	20.0	110	71.0	27
28	107	107	161	37.0	110	75.0	8.00	12.0	17.0	7.00	108	78.0	28
29	75.0		287	13.0	124	148	12.0	7.00	14.0	47.0	78.0	83.0	29
30	127		214	23.0	108	44.0	3.00	7.00	18.0	23.0	117	48.0	30
31	116		241		122		15.0	8.00		22.0		27.0	31
TOTAL	3 383.0	2 930.0	2 998.0	3 947.0	4 081.0	3 242.0	782.00	384.00	355.00	889.00	1 992.00	1 881.00	TOTAL
MEAN	106	105	96.7	132	132	108	25.2	11.7	11.8	18.4	66.4	60.7	MEAN
MAX	187	166	314	285	280	171	71.0	57.0	48.0	47.0	147	126	MAX
MIN	45.0	68.0	20.0	13.0	10.0	17.0	0	0	3.00	3.00	3.00	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 73.4
MAXIMUM DAILY, 314 ON MAR 30
MINIMUM DAILY, 0 ON JUL 6

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 45 24 25 N
LONG 76 30 38 W
DRAINAGE AREA, 8 180 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	384 000	JUL	87 600
FEB	353 000	AUG	31 400
MAR	359 000	SEP	30 700
APR	341 000	OCT	49 200
MAY	353 000	NOV	172 000
JUN	280 000	DEC	183 000

TOTAL DISCHARGE, 2 380 000 dam³

MADTER DRAIN AT CONCESSION #7 (KETTLE TEST) - STATION NO. 02GC033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.007E	0.084E	0 E	0.037E	0.003E	0.011E	0	0	0	0	0	0.005E	1
2	0.005E	0.018E	0 E	0.023E	0.003E	0.084E	0	0	0	0	0	0.005E	2
3	0.004E	0.010E	0 E	0.255E	0.003E	0.017E	0	0	0	0	0	0.004E	3
4	0.002E	0.004E	0.054E	0.215E	0.002E	0.017E	0	0	0	0	0	0.003E	4
5	0.002E	0.004E	0.100E	0.120E	0.004E	0.008E	0	0	0	0	0	0.003E	5
6	0.001E	0.003E	0.005E	0.098E	0.003E	0.007E	0	0	0	0	0	0.003E	6
7	0.003E	0.002E	0.001E	0.047E	0.003E	0.005E	0	0	0	0	0.013E	0.002E	7
8	0.281E	0.002E	0.001E	0.028E	0.003E	0.003E	0	0	0	0	0.008E	0.001E	8
9	0.018E	0.001E	0.004E	0.025E	0.003E	0.003E	0	0	0	0	0.017E	0.001E	9
10	0.008E	0.001E	0.014E	0.024E	0.001E	0.002E	0	0	0	0	0.004E	0.002E	10
11	0.004E	0.001E	0.018E	0.023E	0.001E	0.001E	0	0	0	0	0.002E	0.001E	11
12	0.048E	0.001E	0.008E	0.038E	0.007E	0.001E	0	0	0	0	0.001E	0.001E	12
13	0.008E	0 E	0.004E	0.068E	0.005E	0.003E	0	0	0	0	0.001E	0.001E	13
14	0.003E	0.014E	0.004E	0.035E	0.006E	0.001E	0	0	0	0	0.001E	0.001E	14
15	0.003E	0.008E	0.036E	0.180E	0.004E	0.001E	0	0	0	0	0.001E	0.001E	15
16	0.003E	0.003E	0.008E	0.053E	0.003E	0.001E	0	0	0	0	0.050E	0	16
17	0.001E	0.001E	0.006E	0.134E	0.002E	0.002E	0	0	0	0	0.184E	0	17
18	0.010E	0.001E	0.482E	0.128E	0.001E	0.003E	0	0	0	0	0.027E	0	18
19	0.007E	0.001E	0.057E	0.043E	0.001E	0.014E	0	0	0	0	0.010E	0	19
20	0.002E	0 E	0.030E	0.028E	0.002E	0.020E	0	0	0	0	0.006E	0	20
21	0.002E	0.032E	0.018E	0.018E	0.002E	0.006E	0	0	0	0.001E	0.008E	0	21
22	0.003E	0.006E	0.018E	0.014E	0.001E	0.049E	0	0	0	0.001E	0.006E	0	22
23	0.009E	0.001E	0.041E	0.010E	0.002E	0.006E	0	0	0	0	0.004E	0	23
24	0.013E	0 E	0.049E	0.008E	0.004E	0.007E	0	0	0	0	0.003E	0	24
25	0.007E	0 E	0.006E	0.006E	0.004E	0.004E	0.032E	0	0	0	0.003E	0	25
26	0.188E	0 E	0.085E	0.007E	0.125E	0.002E	0.002E	0	0	0	0.007E	0	26
27	0.014E	0 E	0.089E	0.006E	0.006E	0.002E	0	0	0	0	0.005E	0	27
28	0.009E	0 E	0.179E	0.006E	0.006E	0.001E	0	0	0	0	0.051E	0	28
29	0.053E		0.142E	0.004E	0.005E	0.001E	0	0	0	0	0.007E	0	29
30	0.091E		0.065E	0.004E	0.018E	0	0	0	0	0	0.007E	0	30
31	0.039E		0.039E		0.011E		0	0	0	0		0.002E	31
TOTAL	0.794	0.179	1.629	1.896	0.251	0.262	0.034	0	0	0.002	0.417	0.034	TOTAL
MEAN	0.026	0.006	0.053	0.057	0.008	0.009	0.001	0	0	0	0.014	0.001	MEAN
MAX	0.281	0.084	0.482	0.255	0.125	0.084	0.032	0	0	0.001	0.184	0.005	MAX
MIN	0.001	0	0	0.004	0.001	0	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.015
MAXIMUM DAILY, 0.482E ON MAR 18
MINIMUM DAILY, 0E ON FEB 13

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 52 53 N
LONG 81 08 21 W
DRAINAGE AREA, 4.00 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	58.8	JUL	3.94
FEB	15.8	AUG	0
MAR	141	SEP	0
APR	147	OCT	0.17
MAY	31.7	NOV	35.0
JUN	23.6	DEC	2.94

TOTAL DISCHARGE, 455 dam³

MAGNETAWAN RIVER NEAR BRITT - STATION NO. 02EA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	32.8	27.2	21.3	188E	145 E	38.5	38.0	4.10	2.11	1.58	3.40	50.1	1
2	32.8	27.3	21.0	188E	139 E	36.8	35.8	4.14	2.17	1.60	3.78	47.9	2
3	32.0	27.0	20.7	208E	140 E	35.1	32.8	4.10	2.13	1.60	4.06	46.0	3
4	29.2	26.4	20.6	182E	144 E	33.8	31.2	3.92	2.06	1.56	4.38	44.0	4
5	27.5	26.8	20.8	171E	146 E	32.7	30.1	3.78	2.03	1.56	4.80	42.9	5
6	28.3	25.9	20.8	170E	148 E	32.2	29.2	3.59	2.05	1.60	5.53	42.3	6
7	32.3	25.7	20.8	174E	153 E	32.8	28.0	3.45	2.00	1.59	6.04	41.3	7
8	31.1	25.8	20.8	178E	157 E	33.7	28.1	3.28	2.00	1.63	6.23	40.3	8
9	30.5	25.6	20.5	184E	184 E	35.8	24.3	3.18	2.06	1.62	6.72	39.2	9
10	30.3	25.7	20.4	183E	186 E	61.7	22.3	3.10	2.37	1.63	7.83	38.2	10
11	30.3	25.8	20.0	144E	149 E	45.7	20.2	3.08	2.28	1.66	8.71	37.0	11
12	30.5	25.8	19.7	138E	135 E	38.6	19.3	3.02	2.13	1.73	12.4	35.0B	12
13	30.4	25.8	19.3	130E	127 E	36.2	16.7	2.88	2.08	1.74	14.8	33.8B	13
14	30.7	25.6	19.4	128E	122 E	39.8	14.8	2.77	2.04	1.74	16.5	32.6B	14
15	30.0	25.7	23.5	125E	117 E	46.3	13.5	2.74	1.98	1.75	18.1	31.4B	15
16	29.8	25.3	26.5A	124E	95.8A	51.3	12.2	2.65	1.93	1.78	22.0	30.1B	16
17	29.5	24.7	27.4E	130E	87.0	53.0	11.1	2.65	1.92	1.82	25.4	29.2B	17
18	29.8	24.4	28.3E	141E	80.0	52.4	10.1	2.64	1.85	1.81	29.9	28.0B	18
19	29.7	24.5	29.2E	148E	73.2	51.3	9.41	2.52	1.83	1.74	35.6	27.0B	19
20	29.4	24.3	30.0E	151E	67.0	50.1	8.72	2.50	1.82	1.79	44.5	26.2B	20
21	29.2	23.9	32.5E	153E	63.8	47.9	8.07	2.48	1.83	1.66	51.9	25.3B	21
22	29.0	23.9	35.0E	154E	61.3	46.2	7.50	2.45	1.80	1.68	57.8	24.4B	22
23	28.6	23.5	37.5E	155E	59.3	43.1	7.13	2.44	1.73	1.69	61.5	23.7B	23
24	28.4	23.0	39.5E	152E	58.4	41.8	6.67	2.38	1.69	1.67	63.0	22.8B	24
25	27.7	22.8	42.5E	149E	56.5	41.0	6.30	2.28	1.67	1.67	63.1	22.4B	25
26	27.4	22.8	48.0E	151E	56.0	41.8	5.68	2.24	1.64	1.91	62.0	21.5	26
27	27.7	22.0	60.0E	155E	55.1	44.0	5.41	2.18	1.62	1.94	59.8	21.4	27
28	27.3	21.6	72.0E	159E	52.1	44.8	5.10	2.18	1.62	2.08	56.9	20.7	28
29	27.0		87.0E	162E	47.1	43.7	4.77	2.16	1.61	2.23	56.3	20.5	29
30	26.8		105 E	165E	43.0	41.6	4.62	2.11	1.60	2.57	53.7	20.3B	30
31	27.1		128 E		40.2		4.30	2.04		2.94		20.3	31
TOTAL	912.8	687.3	1 136.6	4 668	3 149.6	1 262.1	499.48	88.60	57.63	56.68	869.89	985.8	TOTAL
MEAN	29.4	24.5	36.7	156	102	42.1	16.1	2.86	1.92	1.83	29.0	31.8	MEAN
MAX	32.8	27.3	128	208	186	53.0	38.0	4.14	2.37	2.94	63.1	50.1	MAX
MIN	26.8	21.6	19.3	125	40.2	32.2	4.30	2.04	1.60	1.56	3.40	20.3	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 39.4
MAXIMUM DAILY, 208E ON APR 3
MINIMUM DAILY, 1.56 ON OCT 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 46 20 N
LONG 80 28 46 W
DRAINAGE AREA, 2 850 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	78 900	JUL	43 200
FEB	59 400	AUG	7 660
MAR	98 200	SEP	4 980
APR	403 000	OCT	4 900
MAY	272 000	NOV	75 200
JUN	109 000	DEC	85 200

TOTAL DISCHARGE, 1 240 000 dam³

MAGNETAWAN RIVER NEAR BURK'S FALLS - STATION NO. 02EA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.41B	6.25	4.88B	20.2	28.6	10.6	13.5	0.288	0.998	1.46	2.88	11.5 B	1
2	6.47	6.20B	4.78B	22.0	28.6	10.5	13.0	0.293	1.13	1.47	2.90	11.0 B	2
3	6.47B	6.12B	4.74B	23.7	28.8	10.3	12.4	0.328	1.12	1.45	2.87	10.6 B	3
4	6.41B	6.02B	4.76	25.7	25.8	10.3	10.9	0.353	1.13	1.41	2.90	10.2 B	4
5	6.32B	5.95B	4.74	27.1	27.0	10.1	9.78	0.374	1.14	1.36	2.93	9.79B	5
6	6.28B	5.92	4.75B	28.4	28.4	9.73	8.54	0.378	2.13	1.40	3.94	9.40B	6
7	6.15	5.83	4.74B	29.2	28.5	4.20	8.02	0.370	2.61	1.37	5.20	9.05B	7
8	6.50	5.81B	4.70B	29.6	29.7	4.38	7.75	0.384	2.89	1.35	5.08	8.65B	8
9	6.61	5.93B	4.88B	30.3	30.5	4.83	7.38	0.412	2.59	1.37	5.23	8.30B	9
10	6.94	5.93B	4.65	30.2	30.0	5.88	7.04	0.409	2.73	1.39	5.47	7.95B	10
11	6.74	5.81	4.70	29.8	29.4	5.57	6.65	0.444	2.56	1.51	5.50	7.85B	11
12	6.80	5.85	4.73B	29.5	29.0	5.88	3.65	0.476	2.47	1.59	5.38	7.40B	12
13	6.88	5.80	4.77B	29.0	27.4	5.92	1.66	0.549	2.35	1.62	5.25	7.10B	13
14	6.88	5.88	7.32	28.5	28.0	12.8	1.64	0.587	2.35	1.60	5.35	6.75B	14
15	6.88	5.83	10.4	28.0	24.4	15.1	1.63	0.674	2.30	1.65	5.65	6.55B	15
16	6.88	5.75B	10.7	27.3	23.8	16.8	1.63	0.641	2.25	2.78	10.7	6.30B	16
17	6.91	5.65B	10.8	27.2	23.2	16.0	1.63	0.689	2.20	3.90	14.0	6.10B	17
18	6.87	5.60B	10.5	27.1	22.4	15.3	1.64	0.644	2.15	3.77	14.0	5.95B	18
19	6.84	5.58	10.4	27.2	21.1	14.4	1.58	0.762	2.14	3.56	14.1	5.75B	19
20	6.85B	5.41	10.2	27.4	19.7	13.7	1.54	0.715	2.08	3.74	14.4	5.60B	20
21	6.80B	5.42	10.0	27.5	19.7	11.1	1.54	0.813	2.02	3.80	14.3	5.45B	21
22	6.75B	5.49	9.65B	27.8	19.2	10.6	1.55	0.834	1.95	3.76	14.2	5.35B	22
23	6.68	5.40B	9.62	27.7	18.7	14.0	1.54	0.753	1.97	3.66	14.0	5.15B	23
24	6.60	5.31B	9.43	27.6	18.2	15.9	0.829	0.727	1.87	3.53	13.7	5.05B	24
25	6.56	5.24B	9.39	26.3	17.7	16.0	0.298	0.739	1.81	3.43	13.3	5.00B	25
26	6.52	5.19	9.43	26.0	14.2	17.3	0.287	0.738	1.67	3.06	13.0	5.00B	26
27	6.47	5.09	9.95	25.0	11.1	18.4	0.298	0.746	1.64	2.63	12.5	4.95B	27
28	6.40	4.93	12.5	25.4	11.1	18.2	0.272	0.782	1.62	2.57	12.8	4.85B	28
29	6.30		16.0	25.5	11.0	14.8	0.270	0.846	1.52	2.61	12.5	4.75B	29
30	6.36		18.0	25.7	10.8	14.2	0.270	0.903	1.46	2.63	12.3	4.75B	30
31	6.39		18.3		10.6		0.264	0.882		2.71		4.75B	31
TOTAL	204.84	159.17	261.01	811.1	685.0	353.10	128.288	19.104	58.898	74.06	265.52	216.64	TOTAL
MEAN	6.61	5.68	8.42	27.0	22.1	11.8	4.14	0.616	1.96	2.39	8.85	6.99	MEAN
MAX	6.94	6.25	18.3	30.3	30.5	18.4	13.5	0.903	2.61	3.90	14.4	11.5	MAX
MIN	6.15	4.93	4.65	20.2	10.6	4.20	0.264	0.288	0.998	1.35	2.87	4.75	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.87
MAXIMUM DAILY, 30.5 ON MAY 9
MINIMUM DAILY, 0.264 ON JUL 31
MAXIMUM INSTANTANEOUS,
31.7 AT 15:13 EST ON MAY 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 37 03 N
LONG 79 23 17 W
DRAINAGE AREA, 650 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	17 700	JUL	11 100
FEB	13 800	AUG	1 650
MAR	22 600	SEP	5 090
APR	70 100	OCT	6 400
MAY	59 200	NOV	23 000
JUN	30 500	DEC	18 700

TOTAL DISCHARGE, 280 000 dam³

MAGPIE RIVER AT ESNAGI LAKE - STATION NO. 0280005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.370	3.274	3.196	3.177	3.402	3.858	3.484	3.404	3.408	3.336	3.485	3.336	1
2	3.368	3.268	3.192	3.178	3.440	3.838	3.482	3.407	3.404	3.383	3.483	3.323	2
3	3.363	3.265	3.188	3.173	3.476	3.833	3.480	3.414	3.388	3.380	3.486	3.324	3
4	3.357	3.264	3.180	3.173	3.525	3.815	3.486	3.437	3.388	3.364	3.484	3.307	4
5	3.353	3.261	3.183	3.177	3.585	3.800	3.486	3.438	3.381	3.339	3.486	3.289	5
6	3.353	3.262	3.183	3.178	3.638	3.847	3.490	3.482	3.392	3.393	3.485	3.281	6
7	3.348	3.262	3.180	3.178	3.677	3.877	3.487	3.442	3.386	3.387	3.486	3.280	7
8	3.366	3.262	3.173	3.183	3.687	3.888	3.478	3.437	3.382	3.383	3.471	3.285	8
9	3.351	3.242	3.172	3.181	3.695	3.894	3.478	3.433	3.394	3.340	3.478	3.288E	9
10	3.343	3.241	3.178	3.186	3.706	3.896	3.499	3.434	3.382	3.342	3.482	3.240E	10
11	3.338	3.236	3.178	3.186	3.716	3.893	3.493	3.440	3.388	3.332	3.488	3.230E	11
12	3.337	3.232	3.173	3.190	3.727	3.886	3.488	3.440	3.387	3.343	3.511	3.215E	12
13	3.336	3.234	3.185	3.187	3.741	3.882	3.482	3.438	3.378	3.360	3.510	3.208E	13
14	3.330	3.236	3.184	3.185	3.771	3.898	3.481	3.434	3.372	3.360	3.518	3.193E	14
15	3.330	3.230	3.170	3.182	3.808	3.889	3.488	3.449	3.372	3.382	3.519	3.178E	15
16	3.327	3.226	3.182	3.184	3.823	3.880	3.485	3.448	3.388	3.380	3.841	3.170E	16
17	3.328	3.226	3.180	3.202	3.830	3.841	3.482	3.438	3.372	3.361	3.827	3.163E	17
18	3.324	3.221	3.182	3.201	3.822	3.832	3.486	3.428	3.361	3.348	3.814	3.150E	18
19	3.314	3.216	3.180	3.202	3.813	3.825	3.483	3.418	3.351	3.338	3.812	3.141E	19
20	3.308	3.214	3.169	3.205	3.808	3.819	3.481	3.430	3.382	3.347	3.811	3.134E	20
21	3.306	3.213	3.151	3.210	3.805	3.807	3.455	3.428	3.389	3.361	3.486	3.123E	21
22	3.303	3.211	3.162	3.208	3.784	3.488	3.453	3.427	3.374	3.370	3.447	3.103E	22
23	3.306	3.206	3.160	3.208	3.787	3.481	3.447	3.436	3.388	3.388	3.428	3.090E	23
24	3.300	3.201	3.148	3.208	3.753	3.488	3.444	3.428	3.352	3.373	3.413	3.101E	24
25	3.291	3.199	3.148	3.226	3.771	3.478	3.437	3.418	3.381	3.373	3.401	3.100E	25
26	3.290	3.197	3.148	3.238	3.773	3.488	3.432	3.418	3.373	3.376	3.393	3.100E	26
27	3.288	3.197	3.149	3.259	3.783	3.487	3.443	3.418	3.346	3.380	3.381	3.093E	27
28	3.284	3.188	3.186	3.268	3.719	3.491	3.424	3.418	3.344	3.368	3.367	3.088E	28
29	3.281		3.173	3.323	3.715	3.482	3.418	3.410	3.380	3.397	3.386	3.078E	29
30	3.276		3.172	3.361	3.695	3.478	3.414	3.418	3.348	3.410	3.341	3.070E	30
31	3.277		3.171		3.676		3.410	3.408		3.428		3.082E	31
MEAN	3.324	3.230	3.188	3.208	3.708	3.850	3.484	3.428	3.378	3.381	3.480	3.184	MEAN
MAX	3.370	3.274	3.196	3.361	3.830	3.858	3.488	3.482	3.408	3.428	3.841	3.336	MAX
MIN	3.277	3.188	3.148	3.173	3.402	3.468	3.410	3.404	3.344	3.332	3.341	3.082	MIN

WATER LEVELS IN METRES

MEAN, 3.372
MAXIMUM DAILY, 3.830 ON MAY 17
MINIMUM DAILY, 3.070E ON DEC 31

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 28 50 N
LONG 84 31 59 W

E - ESTIMATED

REGULATED

MAGPIE RIVER NEAR MICHIPICOTEN - STATION NO. 0280003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.78	13.1 B	9.288	7.488	33.8	58.0	11.0	6.72	3.78	3.38	12.0	9.358	1
2	22.28	12.9 B	9.188	7.428	31.6	53.1	9.88	6.81	3.66	3.47	11.2	9.208	2
3	21.68	12.8 B	9.088	7.408	32.0	106	9.22	7.16	3.66	3.44	10.2	9.108	3
4	21.18	12.6 B	9.008	7.388	42.3	106	9.15	5.01	3.66	3.36	9.82	9.008	4
5	20.78	12.4 B	8.958	7.368	87.4	99.6	9.00	4.18	3.78	3.44	9.82	8.908	5
6	20.38	12.3 B	8.858	7.328	108	64.6	8.83	3.95	3.67	3.84	14.2	8.808	6
7	19.88	12.1 B	8.788	7.308	132	46.5	8.71	3.73	3.84	3.84	14.8	8.708	7
8	19.48	11.9 B	8.728	7.288	130	48.7	8.52	3.67	4.12	3.84	14.1	8.658	8
9	19.18	11.7 B	8.858	7.288	80.1	50.4	8.44	3.65	3.82	3.82	13.2	8.808	9
10	18.78	11.6 B	8.558	7.238	51.5	50.5	8.43	3.68	3.84	3.84	14.2	8.858	10
11	18.38	11.5 B	8.488	7.208	43.4	50.1	9.24	3.84	3.82	3.45	18.1	8.488	11
12	18.18	11.4 B	8.398	7.188	44.1	49.8	8.82	3.84	4.00	3.90	19.4	8.408	12
13	17.78	11.3 B	8.328	7.158	44.5	28.8	8.80	3.84	3.85	3.48	14.1	8.358	13
14	17.48	11.1 B	8.288	7.128	48.5	87.1	8.58	4.19	3.84	3.81	14.5	8.338	14
15	17.28	10.9 B	8.218	7.088	80.6	84.4	8.84	4.47	3.85	3.84	14.2	8.318	15
16	16.88	10.6 B	8.158	7.078	47.3	87.3	8.43	4.22	3.80	3.48	13.3	8.318	16
17	16.68	10.7 B	8.088	7.088	42.1	108	8.43	3.97	3.80	3.38	12.1	8.308	17
18	16.38	10.8 B	8.058	7.088	126	103	9.36	3.73	3.84	3.22	11.7	8.288	18
19	16.08	10.4 B	7.958	7.088	148	93.2	9.38	3.88	3.44	3.21	11.5	8.258	19
20	15.78	10.3 B	7.908	7.158	158	90.3	8.37	4.11	3.67	3.22	11.3 B	8.248	20
21	15.48	10.2 B	7.858	7.008	158	88.0	9.26	4.87	3.78	3.18	11.0 B	8.228	21
22	15.28	10.1 B	7.818	8.408	127	85.5	9.17	4.57	3.83	3.18	10.7 B	8.208	22
23	15.08	10.0 B	7.778	9.708	125	85.3	9.16	4.78	3.84	3.18	10.6 B	8.188	23
24	14.78	9.888	7.738	11.7 B	125	38.7	9.06	4.88	3.83	3.17	10.4 B	8.178	24
25	14.58	9.788	7.708	15.0 B	120	48.8	9.07	4.44	3.85	3.17	10.3 B	8.188	25
26	14.48	9.688	7.848	21.0 B	104	78.8	8.82	4.30	3.87	3.14	10.1 B	8.148	26
27	14.28	9.588	7.838	27.8	95.8	80.7	8.84	4.08	3.44	3.18	9.808	8.118	27
28	14.08	9.488	7.888	31.4	81.7	76.7	8.74	3.80	3.38	4.27	9.708	8.098	28
29	13.88		7.878	34.8	80.3	88.4	8.61	3.82	3.45	8.27	9.808	8.058	29
30	13.68		7.838	34.4	78.7	15.9	8.78	3.72	3.41	7.08	9.808	8.038	30
31	13.38		7.808		84.4		8.88	3.74		8.08		8.018	31
TOTAL	633.8	310.88	265.17	348.89	2 841.8	2 107.2	283.83	138.88	110.30	117.33	382.28	261.44	TOTAL
MEAN	17.2	11.1	8.33	11.8	85.3	70.2	9.15	4.47	3.88	3.78	12.1	8.43	MEAN
MAX	22.7	13.1	9.28	34.8	158	108	11.0	8.81	4.12	8.08	19.2	9.35	MAX
MIN	13.3	9.48	7.80	7.08	31.8	15.9	8.43	3.68	3.38	3.14	9.80	8.01	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.8
MAXIMUM DAILY, 158 ON MAY 20
MINIMUM DAILY, 3.14 ON OCT 26
MAXIMUM INSTANTANEOUS,
170 AT 05:07 EST ON MAY 20

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 58 30 N
LONG 84 45 50 W
DRAINAGE AREA, 1 930 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	46 100	JUL	24 500
FEB	26 000	AUG	12 000
MAR	22 000	SEP	9 530
APR	30 000	OCT	10 100
MAY	226 000	NOV	31 300
JUN	182 000	DEC	22 600

TOTAL DISCHARGE, 948 000 dam³

MAITLAND RIVER ABOVE WINGHAM - STATION NO. 02FE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.108	19.8	3.758	18.6	3.88	4.41	1.48	0.462	0.857	0.888	1.18	12.7 B	1
2	7.108	17.3	2.758	14.4	3.78	4.02	1.40	0.488	0.901	0.882	1.33	7.708 B	2
3	6.258	11.4 B	2.608	14.2	3.88	3.80	1.31	0.438	0.863	0.882	1.37	6.108 B	3
4	4.258	7.808 B	2.758	18.6	3.48	3.44	1.24	0.858	0.895	0.826	1.40	4.888 B	4
5	4.008	8.858 B	2.758	18.7	3.48	3.48	1.19	2.38	0.881	0.798	1.37	4.408 B	5
6	3.858	4.398 B	2.738	18.2	4.88	3.01	1.12	3.59	0.908	0.800	1.47	4.008 B	6
7	3.758	3.438 B	2.718	18.8	6.00	2.80	1.09	2.01	0.898	0.822	1.84	3.788 B	7
8	18.6 B	3.228 B	2.698	13.9	5.83	2.32	1.02	1.40	0.871	0.818	2.47	3.608 B	8
9	37.0 B	3.118 B	2.678	11.1	4.78	2.20	0.978	1.10	0.882	0.798	3.13	3.338 B	9
10	38.7	3.048 B	2.668	9.18	5.28	2.84	0.934	0.908	1.04	0.838	3.38	3.178 B	10
11	20.6 B	3.008 B	2.608	8.20	4.84	2.74	0.898	0.821	1.18	1.38	3.37	3.048 B	11
12	15.7 B	2.988 B	2.588	9.10	5.11	2.71	0.872	0.783	1.12	1.84	3.07	2.938 B	12
13	12.8 B	3.008 B	3.858	10.2	5.78	2.37	0.857	0.824	0.861	2.24	2.78	2.838 B	13
14	10.6 B	3.068 B	5.008	11.8	6.38	2.13	0.820	0.778	0.883	1.84	2.84	2.738 B	14
15	9.008 B	3.088 B	38.1 B	10.9	7.28	2.17	0.782	0.808	0.778	1.88	3.38	2.848 B	15
16	7.088 B	3.008 B	57.4	22.8	8.48	4.17	0.787	0.880	0.780	1.78	17.8	2.888 B	16
17	6.488 B	2.908 B	24.7	17.4	8.83	3.18	0.747	0.848	0.803	8.83	27.3	2.808 B	17
18	5.888 B	2.808 B	11.8 B	14.8	4.89	1.88	0.728	0.788	1.11	2.26	16.0	2.448 B	18
19	5.808 B	2.708 B	9.408 B	12.3	3.88	1.88	0.703	0.737	1.19	1.86	11.7	2.388 B	19
20	5.408 B	2.628 B	7.908 B	10.3	3.73	2.03	0.707	0.731	1.08	2.33	11.8	2.348 B	20
21	5.208 B	2.658 B	6.508 B	8.72	4.80	8.13	0.880	0.874	0.801	3.08	20.8	2.288 B	21
22	5.058 B	2.708 B	5.588 B	7.38	5.87	4.73	0.831	0.703	0.880	2.18	18.8	2.258 B	22
23	4.888 B	2.678 B	5.388 B	8.31	4.84	3.78	0.811	0.672	1.20	1.88	12.9	2.218 B	23
24	4.548 B	2.618 B	5.008 B	8.88	3.88	3.11	0.885	0.648	2.08	1.88	8.88 B	2.188 B	24
25	4.808 B	2.588 B	14.7	8.32	3.44	2.88	0.884	0.820	2.24	0.482	8.88 B	2.188 B	25
26	5.008 B	2.808 B	48.3	4.88	3.88	2.24	0.877	0.887	1.70	0.431	8.88 B	2.148 B	26
27	8.008 B	2.858 B	80.0	4.88	4.08	2.04	0.870	0.887	1.38	0.718	8.88 B	2.138 B	27
28	8.018 B	2.728 B	74.8	4.48	3.58	1.88	0.844	0.888	1.18	1.27	17.3	2.128 B	28
29	8.43		85.8	4.21	3.08	1.70	0.808	0.858	1.01	1.24	38.1	2.118 B	29
30	12.2		48.1	4.02	3.18	1.80	0.808	0.882	0.928	1.22	22.3	2.108 B	30
31	18.8		28.8		3.91		0.488	0.888		1.18		2.808 B	31
TOTAL	302.80	128.33	888.23	340.08	147.83	88.29	28.814	28.280	30.298	48.882	277.18	184.20	TOTAL
MEAN	9.78	4.62	18.0	11.3	4.77	2.88	0.838	0.811	1.01	1.81	8.24	3.38	MEAN
MAX	37.0	19.8	48.8	22.8	8.78	8.13	1.48	3.88	3.24	8.83	38.1	12.7	MAX
MIN	3.78	2.58	2.88	4.02	3.08	1.80	0.488	0.438	0.871	0.431	1.18	2.10	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.89
MAXIMUM DAILY, 88.8 ON MAR 28
MINIMUM DAILY, 0.431 ON OCT 28
MAXIMUM INSTANTANEOUS,
90.0 AT 08:08 EST ON MAR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 54 87 N
LONG 81 15 80 W
DRAINAGE AREA, 828 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	28 100	JUL	2 340
FEB	11 200	AUG	2 440
MAR	48 200	SEP	2 620
APR	28 400	OCT	4 030
MAY	13 800	NOV	23 800
JUN	7 480	DEC	8 000

TOTAL DISCHARGE, 178 000 dam³

MAITLAND RIVER AT BENMILLER - STATION NO. 02FE015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	64.5	83.2	10.48	88.4	18.7	28.8	8.00	1.88	3.04	3.82	8.88	88.8 E	1
2	62.2	88.88	10.78	74.0	18.0	28.4	8.10	1.82	2.78	3.28	8.78	34.2 E	2
3	57.7	88.08	10.78	88.1	17.1	27.4	7.71	1.78	2.47	3.13	8.38	28.8 E	3
4	57.7	41.08	10.88	88.8	18.8	23.8	7.12	2.48	2.38	3.12	8.87	30.7 E	4
5	17.3	32.88	10.88	107	17.0	21.8	8.81	4.48	2.38	3.04	8.82	18.8 E	5
6	28.1	21.08	10.88	84.4	16.3	21.1	8.48	3.08	2.38	3.11	8.80	18.8 E	6
7	38.4	18.78	11.18	78.8	21.3	18.8	4.82	10.2	2.87	3.30	7.38	17.8 E	7
8	81.4	14.88	11.38	72.8	24.8	18.0	3.37	8.44	2.88	3.80	10.2	18.8 E	8
9	108 E	13.88	11.48	81.8	23.8	15.4	3.37	5.10	2.82	3.72	11.0	18.0 E	9
10	177	13.48	11.88	80.8	21.8	15.8	3.38	4.74	2.78	4.23	12.8	18.4 E	10
11	167	13.18	18.48	46.8	21.8	30.3	3.33	3.90	3.21	8.83	14.3	18.5 E	11
12	108	13.88	22.88	48.8	22.0	29.8	3.88	3.47	3.11	8.31	14.8	14.4 E	12
13	88.88	13.78	34.88	60.3	28.82	21.7	3.48	3.28	3.16	7.88	13.2	14.3 E	13
14	84.08	13.88	84.18	82.8	34.82	18.8	3.28	3.01	3.28	8.88	12.0	13.5 E	14
15	87.58	14.18	118 E	83.8	28.82	18.1	3.32	3.14	3.22	7.83	14.3	13.1 E	15
16	80.38	13.88	180	128	24.78	27.8	3.11	3.88	2.81	8.37	38.8	12.8 E	16
17	37.28	13.08	148	121	18.88	41.4	2.88	3.88	3.38	8.02	81.2	12.3 E	17
18	30.08	12.88	80.3	88.2	16.38	30.2	2.83	3.80	3.88	11.4	78.8	11.8 E	18
19	28.28	12.08	84.3	74.8	18.08	22.4	2.88	3.28	3.40	8.78	88.3	11.8 E	19
20	27.08	11.88	80.8	88.8	18.02	20.1A	2.87	3.11	3.71	8.08	48.1	11.2 E	20
21	25.48	11.88	35.88	80.1	18.82	28.82	2.87	3.02	3.88	7.80	84.3	10.7 E	21
22	21.88	11.88	30.08	42.2	18.28	88.18	2.82	3.87	3.81	8.18	81.2	10.8 E	22
23	23.28	11.58	28.28	38.8	17.18	84.7A	2.77	3.84	3.48	8.18	88.1 E	10.1 E	23
24	25.78	11.28	36.38	31.1	14.82	35.0A	2.87	2.87	3.81	7.82	47.8 E	8.808	24
25	28.08	10.88	72.7	28.1	13.88	27.8A	2.81	2.03	4.42	7.81	37.1	8.808	25
26	33.48	10.88	181	27.0	15.2A	22.8A	2.41	1.78	8.41	8.24	33.7	8.388	26
27	47.28	10.78	208	23.8	17.0	18.8A	2.34	1.72	8.38	4.81	28.8	8.188	27
28	84.48	10.78	223	23.8	18.1	17.8	2.18	1.78	8.12	4.30	88.3	8.008	28
28	60.0		271	21.8	14.8	11.2	2.11	2.18	4.08	4.14	122 E	8.808	29
30	51.8		242	20.4	18.8	10.2	2.08	2.70	3.88	4.80	118 E	8.788	30
31	71.4		183		21.8		3.01	3.88		7.77		18.7 E	31
TOTAL	1 882.4	811.8	2 318.4	1 877.8	810.8	780.7	121.12	108.88	105.18	183.74	1 108.12	482.88	TOTAL
MEAN	83.3	21.8	74.8	62.8	18.7	28.4	3.81	3.80	3.81	8.83	37.0	15.8	MEAN
MAX	177	88.8	271	128	34.8	88.1	8.00	10.2	8.41	11.4	122	88.8	MAX
MIN	17.3	10.7	10.8	20.4	13.8	10.2	2.01	1.73	2.38	3.04	8.78	8.78	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.2
MAXIMUM DAILY, 271 ON MAR 28
MINIMUM DAILY, 1.73 ON AUG 27
MAXIMUM INSTANTANEOUS,
283 AT 14:38 EST ON MAR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 43 02 N
LONG 81 37 37 W
DRAINAGE AREA, 2 810 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	143 000	JUL	10 500
FEB	62 600	AUG	8 380
MAR	200 000	SEP	8 080
APR	102 000	OCT	15 800
MAY	52 800	NOV	88 800
JUN	88 700	DEC	41 700

TOTAL DISCHARGE, 859 000 dam³

MAITLAND RIVER BELOW WINGHAM - STATION NO. 02FE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	27.0B	88.2	6.40B	58.0	9.88	13.7	4.16	1.28	1.35	1.72	2.42	28.2 B	1
2	21.5B	54.9	6.30B	43.3	9.04	15.2	3.77	1.23	1.44	1.71	2.53	20.0 B	2
3	17.0B	27.2 B	6.20B	41.6	7.42	12.6	3.46	1.25	1.61	1.68	2.78	14.8 B	3
4	12.8B	20.2 B	6.15B	65.7	8.36	11.2	3.21	1.51	1.38	1.65	2.60	11.6 B	4
5	12.9B	14.4 B	6.10B	69.4	9.31	10.6	4.26	2.86	1.43	1.61	2.79	10.2 B	5
6	14.2B	10.7 B	6.20B	64.6	10.0	9.86	2.06	7.00	1.43	1.64	3.23	10.0 B	6
7	15.6B	9.00B	6.31B	50.6	13.6	7.97	1.89	4.41	1.34	1.64	4.84	9.70B	7
8	44.7B	8.25B	6.35B	42.5	13.2	6.67	1.88	2.98	1.33	1.68	5.47	9.20B	8
9	116 B	7.80B	6.40B	33.7	11.0	5.98	2.00	2.32	1.39	1.69	6.63	8.60B	9
10	87.2	7.80B	6.45B	29.3	12.2	14.6	2.16	1.96	1.59	1.89	7.49	8.00B	10
11	61.8B	7.80B	6.60B	26.4	10.9	18.3	2.17	1.78	1.63	3.28	7.81	8.80B	11
12	42.5B	7.65B	6.30B	29.6	12.0	11.1	1.86	1.64	1.60	4.04	7.07	8.20B	12
13	40.2B	7.75B	14.1 B	34.2	17.3	7.89	1.91	1.57	1.76	4.65	6.31	7.90B	13
14	36.6B	7.80B	25.7 B	35.6	19.2	7.21	1.86	1.56	1.62	3.99	5.66	7.55B	14
15	29.1B	8.00B	55.3 B	55.7	15.9	7.32	1.77	1.62	1.63	3.31	6.01	7.30B	15
16	22.6B	7.75B	149	81.2	12.0	18.0	1.72	2.04	1.49	2.90	42.0	7.10B	16
17	19.2B	7.25B	83.1	62.9	12.0	14.6	1.66	1.82	1.74	7.48	83.1	6.80B	17
18	17.6B	6.85B	37.0 B	46.5	10.6	9.75	1.67	1.64	2.14	4.38	61.0	6.60B	18
19	17.2B	6.70B	30.5 B	37.0	9.36	7.81	1.63	1.51	2.19	4.15	27.4	6.40B	19
20	16.7B	6.65B	25.0 B	30.5	8.74	6.76	1.61	1.46	2.03	4.01	26.3	6.20B	20
21	12.8B	6.70B	20.5 B	25.0	10.0	41.9	1.59	2.72	1.65	4.85	61.5	6.00B	21
22	13.1B	6.75B	17.4 B	21.3	11.2	38.0	1.55	1.36	1.75	4.09	46.4	5.85B	22
23	13.5B	6.65B	16.0 B	18.2	10.1	19.5	1.47	1.18	2.13	3.80	30.9	5.75B	23
24	13.9B	6.35B	17.6 B	15.8	8.47	13.3	1.46	1.19	3.50	3.68	21.6	5.60B	24
25	14.4B	6.20B	46.7	14.3	7.83	10.6	1.40	1.19	4.76	2.71	17.5	5.50B	25
26	19.8B	6.10B	132	12.7	8.28	8.84	1.38	1.17	3.17	2.27	16.3	5.40B	26
27	35.3B	6.15B	149	12.2	8.63	7.32	1.38	1.17	2.72	2.10	19.6	5.30B	27
28	32.3B	6.20B	174	11.6	8.18	6.30	1.38	1.16	2.38	2.47	48.6	5.20B	28
29	29.3		205	10.7	6.61	5.44	1.35	1.28	2.08	2.62	92.2	5.15B	29
30	41.5		181	10.1	7.30	4.62	1.34	1.30	1.69	5.42	65.7	5.10B	30
31	65.0		88.1		10.1		1.31	1.31		2.98		5.00B	31
TOTAL	972.3	353.75	1 567.96	1 093.6	327.56	375.03	62.43	55.81	55.67	96.58	679.57	265.80	TOTAL
MEAN	31.4	12.6	50.6	36.5	10.6	12.5	2.01	1.80	1.86	3.12	22.7	8.57	MEAN
MAX	116	88.2	205	81.2	19.2	41.9	4.26	7.00	4.76	7.48	92.2	28.2	MAX
MIN	12.8	6.10	6.10	10.1	6.61	4.62	1.31	1.17	1.33	1.61	2.42	5.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.2
MAXIMUM DAILY, 205 ON MAR 29
MINIMUM DAILY, 1.17 ON AUG 26
MAXIMUM INSTANTANEOUS,
207 AT 08:51 EST ON MAR 29

SUMMARY FOR THE YEAR 1969

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 53 12 N
LONG 81 19 37 W
DRAINAGE AREA, 1 630 km^2

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	84 000	JUL	5 390
FEB	30 600	AUG	5 090
MAR	135 000	SEP	5 050
APR	94 500	OCT	8 340
MAY	28 300	NOV	58 700
JUN	32 500	DEC	23 200

TOTAL DISCHARGE, 511 000 dam^3

MAITLAND RIVER NEAR HARRISTON - STATION NO. 02FE011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.03 B	4.79	0.225B	3.03	0.474	0.759	0.132	0.017	0.124	0.144	0.181	2.23	1
2	0.880B	3.40 B	0.224B	2.39	0.457	0.833	0.123	0.028	0.083	0.152	0.200	1.07 B	2
3	0.835B	1.40 B	0.220B	3.32	0.446	0.513	0.121	0.023	0.077	0.135	0.212	0.870B	3
4	0.880B	0.650B	0.218B	4.71	0.419	0.590	0.106	1.05	0.073	0.139	0.188	0.716B	4
5	0.805B	0.476B	0.216B	4.14	0.627	0.522	0.099	1.14	0.063	0.139	0.188	0.621B	5
6	0.545B	0.387B	0.214B	3.81	1.16	0.411	0.088	0.488	0.083	0.138	0.301	0.540B	6
7	0.500B	0.365B	0.209B	3.57	0.789	0.352	0.078	0.247	0.059	0.134	0.502	0.490B	7
8	8.82	0.332B	0.205B	2.73	1.04	0.306	0.064	0.184	0.076	0.134	0.624	0.430B	8
9	4.65 B	0.300B	0.203B	2.21	0.696	0.294	0.061	0.132	0.248	0.141	1.01	0.383B	9
10	3.00 B	0.281B	0.198B	1.87	0.705	0.721	0.053	0.115	0.237	0.266A	1.12	0.374B	10
11	1.81 B	0.271B	0.215B	1.71	0.800	0.789	0.048	0.104	0.189	1.14 A	0.936	0.337B	11
12	1.43 B	0.266B	0.202B	1.90	1.06	0.521	0.046	0.103	0.112	0.658	0.823	0.318B	12
13	1.03 B	0.262B	0.615B	1.98	1.66	0.361	0.041	0.083	0.087	0.546	0.718	0.280B	13
14	0.880B	0.266B	2.08 B	2.32	1.19	0.314	0.041	0.088	0.080	0.471	0.761	0.262B	14
15	0.790B	0.292B	24.0	5.11	1.35	0.273	0.036	0.118	0.066	0.581	3.83	0.250B	15
16	0.740B	0.280B	8.59	5.39	1.21	0.289	0.032	0.100	0.114	0.509	9.86 A	0.234B	16
17	0.700B	0.269B	3.35 B	3.45	0.888	0.244	0.036	0.088	0.237	0.502	7.08	0.224B	17
18	0.660B	0.233B	2.05 B	2.84	0.683	0.232	0.033	0.085	0.231	0.669	3.80	0.218B	18
19	0.625B	0.222B	1.65 B	2.23	0.557	0.242	0.032	0.070	0.180	0.666	2.82	0.208B	19
20	0.595B	0.212B	1.08 B	1.70	0.546	0.269	0.034	0.069	0.133	0.651	3.82	0.198B	20
21	0.580B	0.216B	0.870B	1.38	1.23	0.257	0.038	0.084	0.118	0.620	5.50	0.187B	21
22	0.570B	0.220B	0.800B	1.09	1.13	0.274	0.028	0.066	0.227	0.536	3.48	0.181B	22
23	0.580B	0.216B	0.770B	0.908	0.751	0.310	0.026	0.058	1.48	0.467	2.22	0.178B	23
24	0.840	0.204B	0.690B	0.781	0.664	0.284	0.026	0.056	0.708	0.384	1.58	0.170B	24
25	0.647B	0.195B	6.76	0.718	0.468	0.240	0.030	0.066	0.414	0.323	1.31	0.166B	25
26	1.48	0.198B	11.5	0.848	0.587	0.218	0.028	0.048	0.280	0.288	1.34	0.159B	26
27	1.20	0.208B	12.3	0.801	0.647	0.185	0.027	0.044	0.217	0.277	1.75 A	0.153B	27
28	1.40 B	0.216B	20.5	0.856	0.510	0.172	0.026	0.047	0.188	0.264	10.4 A	0.148B	28
29	1.72		21.2	0.811	0.480	0.185	0.017	0.061	0.180	0.228	6.71	0.142B	29
30	3.52		7.36	0.477	0.517	0.161	0.014	0.061	0.144	0.213	3.47	0.140B	30
31	3.84		4.21		0.787		0.019	0.048		0.190		0.303B	31
TOTAL	47.132	16.771	133.292	68.150	24.388	10.661	1.676	4.887	6.471	11.937	76.782	12.180	TOTAL
MEAN	1.52	0.599	4.30	2.27	0.787	0.382	0.051	0.158	0.216	0.385	2.56	0.393	MEAN
MAX	8.82	4.79	24.0	5.39	1.66	0.789	0.132	1.14	1.48	1.14	10.4	2.23	MAX
MIN	0.500	0.195	0.198	0.477	0.419	0.161	0.014	0.017	0.059	0.134	0.181	0.140	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.14
MAXIMUM DAILY, 24.0 ON MAR 15
MINIMUM DAILY, 0.014 ON JUL 30
MAXIMUM INSTANTANEOUS,
30.8 AT 08:26 EST ON MAR 15

SUMMARY FOR THE YEAR 1969

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 54 12 N
LONG 80 53 33 W
DRAINAGE AREA, 112 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 070	JUL	139
FEB	1 450	AUG	422
MAR	11 500	SEP	559
APR	5 890	OCT	1 030
MAY	2 110	NOV	6 630
JUN	939	DEC	1 050

TOTAL DISCHARGE, 35 800 dam^3

MARIPOSA BROOK NEAR LITTLE BRITAIN - STATION NO. 02HG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.21 B	4.85 B	0.273B	5.25E	1.42	0.857	0.858	0.088	0.205	0.078	0.454	1.45 B	1
2	1.22 B	3.27 B	0.266B	4.98E	1.86	0.916	0.484	0.083	0.156	0.083	0.536	1.13 B	2
3	1.14 B	2.26 B	0.259B	4.85E	2.55	0.871	0.384	0.088	0.132	0.085	0.542	0.950B	3
4	1.07 B	1.76 B	0.253B	5.60E	3.03	0.878	0.338	0.077	0.119	0.087	0.548	0.850B	4
5	1.00 B	1.41 B	0.248B	6.00E	2.81	0.850	0.283	0.106	0.113	0.084	0.506	0.755B	5
6	0.945B	1.16 B	0.238B	6.30E	3.85	0.821	0.264	0.085	0.109	0.102	0.482	0.685B	6
7	0.900B	0.950B	0.233B	6.15	4.82	0.686	0.242	0.087	0.102	0.110	0.585	0.610B	7
8	1.05 B	0.805B	0.227B	4.95	6.54	0.557	0.221	0.084	0.081	0.123	0.714	0.570B	8
9	1.16 B	0.670B	0.223B	3.78	5.66	0.482	0.195	0.057	0.085	0.126	1.00	0.535B	9
10	1.24 B	0.590B	0.218B	3.06	4.35	0.572	0.183	0.058	0.083	0.138	1.15	0.495B	10
11	1.01 B	0.535B	0.213B	2.56	3.42	0.809	0.161	0.058	0.080	0.153	1.08	0.470B	11
12	0.981B	0.485B	0.209B	2.30	5.15	0.848	0.151	0.051	0.066	0.156	1.01	0.445B	12
13	0.910B	0.446B	0.204B	2.48	7.22	0.867	0.144	0.048	0.057	0.158	0.958	0.425B	13
14	0.880B	0.475B	0.850B	3.11	6.05	0.518	0.139	0.044	0.051	0.174	1.00	0.405B	14
15	0.900B	0.520B	5.50 B	3.37	4.87	0.448	0.134	0.046	0.046	0.233	2.71	0.384B	15
16	0.855B	0.480B	12.1 B	3.24	3.65	0.438	0.131	0.047	0.044	0.306	5.22	0.364B	16
17	0.810B	0.450B	6.45 B	2.90	2.85	0.543	0.125	0.047	0.064	0.332	4.48	0.350B	17
18	0.770B	0.425B	4.10 B	2.74	2.39	0.661	0.118	0.043	0.039	0.321	3.40	0.335B	18
19	0.785B	0.405B	2.92 B	2.45	2.00	0.893	0.121	0.039	0.034	0.341	2.85	0.318B	19
20	0.745B	0.383B	2.24 B	2.22	1.81	1.14	0.118	0.047	0.028	0.387	2.98	0.307B	20
21	0.695B	0.410B	1.75 B	1.88	2.01	2.37	0.107	0.051	0.024	0.474	4.25 B	0.295B	21
22	0.765B	0.381B	1.26 B	1.76	1.83	3.87	0.102	0.048	0.031	0.485	3.35 B	0.284B	22
23	0.740B	0.341B	1.05 B	1.57	1.59	4.72	0.085	0.044	0.049	0.480	2.16 B	0.277B	23
24	0.695B	0.333B	0.875B	1.44	1.39	4.07	0.082	0.043	0.080	0.487	1.71 B	0.287B	24
25	0.686B	0.318B	1.51 B	1.36	1.28	3.04	0.089	0.033	0.085	0.477	1.56	0.260B	25
26	0.705B	0.305B	8.00 B	1.38	1.17	2.08	0.081	0.039	0.088	0.488	1.47	0.253B	26
27	0.730B	0.287B	16.1 B	1.39	1.07	1.48	0.077	0.033	0.088	0.459	1.54	0.245B	27
28	0.780B	0.287B	20.3 B	1.33	0.830	1.10	0.074	0.029	0.073	0.419	2.77	0.229B	28
29	0.785B		18.8 B	1.27	0.827	0.841	0.072	0.030	0.073	0.311	2.87 B	0.233B	29
30	1.70 B		13.5 B	1.41	0.788	0.684	0.072	0.032	0.076	0.311	1.82 B	0.228B	30
31	2.69 B		6.10 B		0.858		0.086	0.037		0.359		0.278B	31
TOTAL	30.571	25.038	135.707	94.44	90.183	38.548	5.408	1.584	2.303	8.301	55.807	14.713	TOTAL
MEAN	0.986	0.894	4.38	3.15	2.91	1.28	0.174	0.051	0.077	0.268	1.86	0.475	MEAN
MAX	2.69	4.85	20.3	6.30	7.22	4.72	0.858	0.106	0.205	0.488	5.22	1.45	MAX
MIN	0.686	0.287	0.204	1.27	0.788	0.438	0.086	0.029	0.024	0.078	0.454	0.228	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.38
MAXIMUM DAILY, 20.38 ON MAR 28
MINIMUM DAILY, 0.024 ON SEP 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 17 20 N
LONG 78 50 30 W
DRAINAGE AREA, 169 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 640	JUL	467
FEB	2 160	AUG	137
MAR	11 700	SEP	199
APR	8 160	OCT	717
MAY	7 790	NOV	4 800
JUN	3 330	DEC	1 270

TOTAL DISCHARGE, 43 400 dam³

MATABITCHUAN RIVER AT RABBIT LAKE DAM - STATION NO. 02JE021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.9	13.0	19.3	0	0	31.6	0.600	1.10	6.70	0.600	0.700	7.70	1
2	11.7	20.0	17.7	0	0	30.9	0.700	1.20	6.50	0.600	5.00	7.50	2
3	11.5	23.8	18.1	0	0	30.3	0.800	1.20	6.30	0.600	15.2	7.50	3
4	11.1	22.1	14.8	0	0	29.1	0.900	1.40	5.90	0.500	14.4	7.20	4
5	10.7	20.9	14.1	0	0	26.9	1.00	1.40	5.50	0.600	13.8	7.00	5
6	10.5	19.7	12.8	0	0	18.2	1.20	1.40	5.30	0.500	13.4	7.20	6
7	10.3	18.5	12.0	0	0	10.3	1.30	1.20	5.20	0.600	13.0	6.60	7
8	10.1	17.8	11.2	0	0	10.3	1.20	1.10	5.00	0.500	12.8	6.60	8
9	10.5	16.7	10.8	0	0	10.8	1.30	1.10	4.80	0.500	12.0	6.50	9
10	9.90	15.8	14.5	0	0	12.1	1.50	1.20	4.80	0.400	11.8	6.60	10
11	9.90	15.0	18.8	0	0	14.3	1.50	1.10	4.80	0.500	11.2	6.50	11
12	9.50	14.2	17.2	0	0	18.2	1.50	1.10	4.70	0.500	11.0	6.10	12
13	16.2	13.4	15.9	0	0.100	24.5	1.40	1.20	4.50	0.600	10.4	5.90	13
14	27.5	20.6	14.7	0	0.600	35.9	1.40	1.10	4.20	0.500	10.4	5.90	14
15	26.1	30.3	14.1	0	1.10	36.9	1.30	1.10	4.10	0.600	10.0	5.80	15
16	24.4	27.8	13.1	0	2.00	36.3	1.30	1.20	4.10	0.600	9.80	5.60	16
17	23.1	26.4	12.5	0	12.2	35.9	1.30	1.20	3.80	0.500	10.0	5.60	17
18	22.2	23.9	11.8	0	21.6	35.0	1.30	1.00	3.60	0.500	9.60	5.40	18
19	21.1	21.8	11.0	0	22.1	34.0	1.40	1.00	3.50	0.500	9.80	5.30	19
20	20.0	20.3	10.5	0	22.7	24.5	1.30	1.00	3.50	0.400	9.80	5.10	20
21	19.0	18.8	10.2	0	23.0	17.7	1.30	1.00	3.40	0.600	9.40	4.80	21
22	18.2	17.7	9.80	0	24.2	17.4	1.20	0.800	3.30	0.600	9.20	4.80	22
23	17.7	18.8	9.20	0	26.1	17.4	1.30	0.900	3.10	0.500	8.80	4.80	23
24	17.1	22.3	9.20	0	30.8	17.1	1.30	2.00	2.80	0.500	8.80	4.80	24
25	16.2	28.1	8.70	0	36.9	16.8	1.30	2.70	2.80	0.600	8.30	4.80	25
26	15.3	25.8	8.40	0	35.8	18.1	1.20	2.50	2.80	0.600	8.50	4.60	26
27	15.2	23.1	8.10	0	35.6	8.50	1.20	2.50	1.90	0.700	8.30	4.50	27
28	14.6	21.0	7.60	0	34.6	3.90	1.30	2.40	0.800	0.700	8.30	4.50	28
29	14.1		6.00	0	33.7	1.90	1.20	2.40	0.700	0.700	7.80	4.30	29
30	13.8		0	0	33.0	0.500	1.20	2.40	0.600	0.700	7.80	4.20	30
31	13.4		0		32.4		1.20	2.10		0.700		4.20	31
TOTAL	484.50	574.1	361.80	0	427.600	625.200	37.800	45.100	118.300	17.300	298.500	177.80	TOTAL
MEAN	15.6	20.5	11.7	0	13.8	20.8	1.22	1.45	3.95	0.558	9.95	5.74	MEAN
MAX	27.5	30.3	19.3	0	36.9	36.9	1.50	2.70	6.70	0.700	15.2	7.70	MAX
MIN	9.50	13.0	0	0	0	0.500	0.600	0.800	0.600	0.400	0.700	4.20	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.68
MAXIMUM DAILY, 36.9 ON MAY 25
MINIMUM DAILY, 0 ON MAR 30

TYPE OF GAUGE - MANUAL
LOCATION - LAT 47 01 44 N
LONG 79 35 14 W
DRAINAGE AREA, 749 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	41 900	JUL	3 270
FEB	49 600	AUG	3 900
MAR	31 300	SEP	10 300
APR	0	OCT	1 490
MAY	36 900	NOV	25 800
JUN	54 000	DEC	15 400

TOTAL DISCHARGE, 274 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

MATCHEDASH BAY ABOVE HWY 69 - STATION NO. 02ED021

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.232	2.274	2.301	2.305	2.361	2.410	2.458	2.444	2.388	2.241	2.444	2.080	1
2	2.381	2.187	2.218	2.238	2.338	2.386	2.480	2.501	2.440	2.380	2.218	2.088A	2
3	2.251	2.242	2.087	2.238	2.372	2.400	2.463	2.512	2.401	2.582	2.197	2.188	3
4	2.230	2.243	2.028	2.243	2.387	2.448	2.477	2.523	2.320	2.587	2.080	2.088	4
5	2.186	2.254	2.187	2.288	2.350	2.407	2.472	2.488	2.388	2.294	2.122	2.088	5
6	2.118	2.274	2.138	2.304	2.388	2.388	2.485	2.583	2.388	2.438	2.313	2.237	6
7	2.117	2.302	2.084	2.313	2.478	2.388	2.513	2.488	2.348	2.488	2.181	2.173	7
8	2.448	2.481	2.122	2.285	2.388	2.380	2.486	2.477	2.380	2.281	2.101	2.093	8
9	2.408	2.387	2.188	2.327	2.310	2.382	2.458	2.441	2.388	2.242	2.241	2.077	9
10	2.387	2.331	2.142	2.384	2.308	2.582	2.585	2.442	2.425	2.144	2.293	2.178	10
11	2.251	2.347	2.138	2.283	2.312	2.488	2.522	2.448	2.380	2.284	2.484	2.081	11
12	2.295	2.338	2.183	2.245	2.320	2.388	2.488	2.447	2.412	2.295	2.438	2.025	12
13	2.423	2.183	2.148	2.326	2.288	2.388	2.477	2.437	2.382	2.322	2.082	1.988	13
14	2.330	2.253	2.137	2.277	2.300	2.381	2.488	2.428	2.344	2.183	2.150	1.985A	14
15	2.403	2.229	2.202	2.312	2.331	2.371	2.450	2.488	2.373	2.185	2.101	1.981A	15
16	2.305	2.227	2.265	2.288	2.340	2.380	2.444	2.504	2.313	2.227	2.282	2.102	16
17	2.272	2.205	2.187	2.314	2.328	2.430	2.448	2.418	2.381	2.114	2.478	2.087	17
18	2.250	2.189	2.184	2.326	2.291	2.462	2.448	2.378	2.348	2.185	2.151	2.045	18
19	2.288	2.252	2.232	2.325	2.271	2.438	2.422	2.381	2.307	2.014A	2.330	2.084	19
20	2.336	2.208	2.206	2.308	2.284	2.433	2.384	2.402	2.341	2.085	2.315	2.083	18
21	2.262	2.183	2.244	2.332	2.488	2.420	2.413	2.487	2.330	2.231	2.472	2.187	20
22	2.262	2.225	2.213	2.314	2.388	2.417	2.438	2.408	2.387	2.322	2.367	2.107	21
23	2.272	2.182	2.182	2.306	2.292	2.438	2.445	2.488	2.348	2.188	2.188	2.080	22
24	2.218	2.185	2.147	2.305	2.312	2.484	2.447	2.384	2.381	2.142	2.227	2.180	23
25	2.080	2.187	2.183	2.274	2.275	2.485	2.484	2.334	2.388	2.178	2.180	2.117	24
26	2.240	2.188	2.185	2.283	2.385	2.447	2.487	2.357	2.422	2.181	2.285	2.110	25
27	2.358	2.208	2.178	2.308	2.482	2.518	2.524	2.350	2.305	2.178	2.031A	1.987A	26
28	2.300	2.185	2.274	2.265	2.388	2.538	2.478	2.380	2.387	2.170	2.211	2.087	27
29	2.271		2.377	2.248	2.325	2.488	2.488	2.358	2.442	2.188	2.188	1.980A	28
30	2.284		2.282	2.286	2.338	2.484	2.438	2.428	2.278	2.188	2.342	1.984A	29
31	2.302		2.316		2.338		2.428	2.384		2.177		2.018A	30
													31
MEAN	2.288	2.242	2.180	2.293	2.337	2.430	2.482	2.440	2.378	2.244	2.247	2.077	MEAN
MAX	2.448	2.481	2.377	2.384	2.478	2.582	2.585	2.583	2.848	2.582	2.478	2.237	MAX
MIN	2.080	2.185	2.028	2.238	2.258	2.381	2.384	2.334	2.278	2.014	2.031	1.984	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 2.302
MAXIMUM DAILY, 2.848 ON SEP 23
MINIMUM DAILY, 1.984A ON DEC 30
MAXIMUM INSTANTANEOUS,
2.810 AT 23:08 EST ON NOV 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 45 29 N
LONG 78 41 55 W

A - MANUAL GAUGE

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 174.057 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

MATCHEDASH BAY BELOW HWY 69 - STATION NO. 02ED020

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.328	2.283	2.307	2.304	2.348	2.424	2.485	2.485	2.403	2.283	2.444	2.088	1
2	2.388	2.183	2.230	2.240	2.345	2.414	2.468	2.511	2.480	2.272	2.221	2.084	2
3	2.238	2.254	2.104	2.242	2.378	2.413	2.468	2.523	2.408	2.588	2.208	2.188	3
4	2.232	2.256	2.038	2.236	2.305	2.463	2.488	2.530	2.332	2.571	2.088	2.082	4
5	2.187	2.288	2.188	2.268	2.258	2.417	2.478	2.505	2.383	2.301	2.127	2.082	5
6	2.117	2.288	2.147	2.308	2.405	2.403	2.473	2.585	2.388	2.453	2.321	2.238	6
7	2.115	2.316	2.103	2.317	2.481	2.400	2.521	2.504	2.388	2.493	2.188	2.177	7
8	2.445	2.485	2.136	2.281	2.383	2.384	2.478	2.487	2.400	2.288	2.107	2.100	8
9	2.388	2.378	2.178	2.333	2.320	2.378	2.487	2.480	2.382	2.283	2.247	2.082	9
10	2.382	2.342	2.185	2.380	2.316	2.578	2.577	2.488	2.437	2.181	2.288	2.188	10
11	2.242	2.384	2.180	2.288	2.321	2.474	2.534	2.481	2.388	2.271	2.473	2.088	11
12	2.280	2.383	2.183	2.283	2.328	2.378	2.475	2.489	2.425	2.304	2.431	2.030	12
13	2.420	2.201	2.187	2.334	2.297	2.381	2.487	2.451	2.384	2.331	2.084	2.004	13
14	2.333	2.268	2.148	2.278	2.310	2.374	2.486	2.443	2.354	2.182	2.153	1.945	14
15	2.403	2.243	2.211	2.318	2.343	2.383	2.483	2.462	2.384	2.184	2.104	1.880	15
16	2.304	2.249	2.280	2.274	2.383	2.401	2.458	2.518	2.331	2.232	2.287	2.110	16
17	2.372	2.218	2.183	2.320	2.342	2.443	2.458	2.428	2.374	2.128	2.488	2.101	17
18	2.281	2.204	2.203	2.331	2.308	2.473	2.457	2.388	2.384	2.185	2.328	2.087	18
19	2.301	2.287	2.238	2.332	2.288	2.448	2.435	2.393	2.314	2.011	2.314	2.081	19
20	2.340	2.221	2.211	2.317	2.282	2.438	2.387	2.414	2.382	2.088	2.488	2.188	20
21	2.285	2.211	2.282	2.338	2.472	2.428	2.427	2.508	2.338	2.244	2.380	2.108	21
22	2.357	2.234	2.232	2.321	2.388	2.424	2.480	2.417	2.383	2.338	2.180	2.051	22
23	2.280	2.174	2.192	2.316	2.302	2.448	2.482	2.488	2.448	2.205	2.184	2.047	23
24	2.224	2.178	2.185	2.313	2.328	2.488	2.488	2.378	2.384	2.181	2.228	2.183	24
25	2.081	2.187	2.202	2.278	2.288	2.487	2.488	2.344	2.388	2.183	2.183	2.121	25
26	2.240	2.178	2.178	2.302	2.387	2.483	2.475	2.388	2.430	2.188	2.288	2.112	26
27	2.387	2.321	2.188	2.316	2.478	2.528	2.537	2.380	2.313	2.182	2.088	2.008	27
28	2.308	2.172	2.288	2.278	2.381	2.544	2.483	2.381	2.378	2.178	2.208	2.070	28
29	2.281		2.316	2.284	2.341	2.508	2.487	2.388	2.480	2.174	2.288	1.947	29
30	2.301		2.280	2.308	2.383	2.488	2.480	2.538	2.288	2.185	2.338	1.837	30
31	2.308		2.301		2.384		2.438	2.402		2.188		2.008	31
MEAN	2.290	2.268	2.195	2.288	2.348	2.441	2.473	2.482	2.388	2.252	2.268	2.078	MEAN
MAX	2.448	2.485	2.318	2.380	2.481	2.578	2.577	2.588	2.848	2.588	2.472	2.238	MAX
MIN	2.081	2.187	2.038	2.238	2.258	2.374	2.387	2.344	2.288	2.011	2.088	1.837	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 2.310
MAXIMUM DAILY, 2.848 ON SEP 23
MINIMUM DAILY, 1.837 ON DEC 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 46 33 N
LONG 78 42 03 W

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 174.057 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

MATTAGAMI RIVER AT LITTLE LONG RAPIDS - STATION NO. 04LG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	75.9	302	185	94.5	838	1 130	488	144	221	78.9	341	257	1
2	139	298	217	138	738	1 100	428	134	212	112	436	201	2
3	201	216	215	186	1 310	971	373	110	202	99.8	490	217	3
4	182	181	142	141	1 470	1 040	416	132	214	117	525	208	4
5	187	192	140	178	1 880	982	376	94.0	148	114	487	200	5
6	204	218	204	192	2 160	925	411	85.9	143	113	436	208	6
7	158	184	201	187	2 310	887	338	181	70.3	89.7	525	208	7
8	158	201	208	173	2 240	818	308	198	151	93.0	525	204	8
9	188	188	138	153	2 070	734	306	242	140	88.0	448	188	9
10	191	204	207	192	1 980	873	378	283	140	111	448	201	10
11	213	180	148	177	1 780	1 080	267	224	124	124	525	208	11
12	217	185	131	190	1 720	1 080	371	208	103	130	525	208	12
13	198	178	201	207	1 780	1 000	508	213	108	180	525	208	13
14	150	235	208	184	1 800	881	484	207	123	113	525	201	14
15	166	209	198	187	1 980	812	377	197	97.7	83.5	485	208	15
16	193	207	243	180	1 880	723	388	172	94.3	145	428	137	16
17	188	208	250	223	1 830	698	388	184	83.5	117	387	182	17
18	204	131	251	185	1 810	853	283	188	81.3	118	185	208	18
19	210	143	251	220	1 720	708	283	188	78.0	132	182	187	19
20	211	214	258	222	1 670	653	283	205	79.9	133	284	218	20
21	147	182	185	201	1 840	688	283	138	71.5	89.2	308	187	21
22	133	218	232	259	2 040	636	213	128	83.1	82.2	320	208	22
23	211	188	217	307	2 550	589	208	132	88.3	118	334	87.5	23
24	197	200	212	308	2 480	492	218	205	78.0	127	338	112	24
25	211	138	203	304	2 320	634	183	218	75.0	188	283	81.3	25
26	198	154	198	411	2 110	525	217	201	78.7	200	178	117	26
27	212	202	223	474	1 940	525	185	203	72.7	274	270	208	27
28	137	222	204	588	1 660	528	181	217	67.3	308	284	185	28
29	161		209	557	1 540	524	138	208	65.2	302	278	208	29
30	202		201	543	1 470	437	108	208	67.4	288	284	88.1	30
31	213		148		1 280		188	213		312		202	31
TOTAL	5 870.8	5 357	6 227	7 588.5	58 198	23 137	9 188	6 881.8	3 378.8	4 522.4	11 472	5 718.8	TOTAL
MEAN	183	191	201	253	1 810	771	296	180	113	148	382	184	MEAN
MAX	217	235	258	588	2 550	1 130	508	283	221	312	538	257	MAX
MIN	75.9	131	128	94.5	538	437	108	88.9	83.5	88.2	178	81.3	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 395
MAXIMUM DAILY, 2 550 ON MAY 23
MINIMUM DAILY, 88.2 ON OCT 31

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 50 00 15 N
LONG 83 10 00 W
DRAINAGE AREA, 34 700 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	490 000	JUL	794 000
FEB	483 000	AUG	483 000
MAR	536 000	SEP	282 000
APR	658 000	OCT	381 000
MAY	4 860 000	NOV	951 000
JUN	2 000 000	DEC	494 000

TOTAL DISCHARGE, 12 500 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

MATTAGAMI RIVER AT SMOOTH ROCK FALLS - STATION NO. 04LB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	63.4	63.4	62.8	58.6	298	335	62.1	47.0	55.5	44.2	61.3	61.3	1
2	63.4	62.8	61.7	62.8	248	266	77.0	38.9	58.6	44.2	57.3	60.8	2
3	63.4	62.8	61.8	62.8	265	267	62.1	60.9	60.7	43.3	71.4	62.0	3
4	62.8	62.8	61.4	62.8	243	278	63.0	63.4	45.8	44.2	63.4	62.0	4
5	61.7	62.8	61.2	64.3	488	271	61.5	61.5	42.8	36.6	61.7	62.0	5
6	58.8	62.8	62.3	64.3	471	287	73.1	63.7	48.4	32.0	60.0	57.5	6
7	57.5	62.8	63.1	64.3	413	328	71.2	60.1	47.0	31.1	59.8	62.0	7
8	58.5	62.8	62.7	63.4	380	214	79.0	64.0	41.3	33.1	77.3	61.4	8
9	64.8	62.8	63.2	62.8	383	238	68.3	64.0	42.8	37.7	80.0	61.7	9
10	64.1	62.3	63.3	62.8	388	302	132	62.3	46.4	41.1	80.3	61.7	10
11	58.0	62.3	63.1	62.8	338	302	167	62.8	53.0	36.8	80.3	59.5	11
12	60.8	62.3	62.3	62.8	311	288	148	60.0	48.4	36.8	80.3	58.3	12
13	60.8	63.4	63.3	60.8	345	214	117	48.4	42.8	38.1	88.7	58.8	13
14	60.8	63.4	62.8	61.2	380	198	80.8	46.7	43.3	30.3	88.2	58.8	14
15	62.3	62.8	61.7	61.2	358	184	88.8	60.8	48.4	40.8	82.8	58.8	15
16	62.3	62.8	63.1	61.2	381	145	88.8	62.3	44.8	38.2	83.1	58.8	16
17	62.0	62.8	62.3	60.8	330	148	73.1	62.8	41.1	31.7	88.8	58.8	17
18	61.7	62.8	62.8	60.8	301	173	88.0	63.4	38.2	30.8	88.8	58.8	18
19	61.7	62.8	63.4	64.3	348	180	80.2	62.8	34.8	30.8	80.8	58.8	19
20	61.4	62.8	60.8	63.4	384	184	80.3	80.3	31.7	31.4	83.4	58.3	20
21	61.7	63.8	88.0	77.3	428	188	87.8	88.0	38.1	33.4	83.7	88.3	21
22	61.7	62.8	88.8	80.1	821	141	84.4	85.5	33.4	38.8	83.7	88.8	22
23	62.3	62.8	88.8	83.4	815	198	85.5	45.8	34.3	38.8	82.8	88.8	23
24	62.8	62.8	88.8	114	888	161	88.8	81.5	41.8	85.5	83.1	88.8	24
25	62.8	62.8	88.8	87.1	492	105	88.3	85.2	44.7	83.8	82.8	88.8	25
26	63.8	63.8	88.0	113	388	107	87.2	87.8	48.8	88.5	82.8	88.1	26
27	61.7	61.7	88.8	218	447	103	88.8	88.2	48.4	84.1	82.8	84.1	27
28	62.8	63.4	88.8	188	388	104	84.7	88.2	48.4	88.2	82.4	82.4	28
29	62.8		81.7	180	351	88.3	81.7	84.4	80.1	83.8	83.4	47.0	29
30	62.8		83.0	174	304	87.4	80.8	88.5	44.2	47.8	82.8	46.8	30
31	61.7		88.8		280		80.3	83.0		88.3		48.8	31
TOTAL	1 885.3	1 764.8	1 886.1	2 881.0	11 858	5 827.7	2 407.8	1 778.1	1 332.3	1 277.3	2 080.8	1 781.7	TOTAL
MEAN	61.1	62.7	80.8	85.4	382	194	77.7	57.4	44.4	41.2	88.7	87.8	MEAN
MAX	63.4	63.4	83.4	218	815	335	167	80.1	88.8	88.3	82.0	88.8	MAX
MIN	84.1	81.7	83.0	88.8	248	87.4	84.4	38.9	31.7	30.3	88.8	48.8	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 88.8
MAXIMUM DAILY, 815 ON MAY 23
MINIMUM DAILY, 30.3 ON OCT 14

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 18 04 N
LONG 81 38 30 W
DRAINAGE AREA, 10 000 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	184 000	JUL	208 000
FEB	152 000	AUG	184 000
MAR	183 000	SEP	118 000
APR	221 000	OCT	110 000
MAY	1 020 000	NOV	178 000
JUN	804 000	DEC	184 000

TOTAL DISCHARGE, 3 140 000 dam³

DATA CONTRIBUTED BY -
ABITIBI - PRICE INC.

MATTAGAMI RIVER NEAR TIMMINS - STATION NO. 04LA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	88.8	92.0E	114	83.0	80.2	245	76.4	44.4	26.8	24.4	26.4	46.0E	1
2	88.9	88.0E	106	88.7	76.8	228	75.8	44.7	23.7	19.8	28.8	43.0E	2
3	84.7	84.0E	100	84.8	88.5	228	74.0	37.2	21.6	19.8	28.4	41.0E	3
4	85.5	85.0E	100	87.8	87.2	227	74.3	32.0	28.8	23.5	24.4	48.0E	4
5	85.2	86.0E	100	87.8	110	226	73.8	31.8	30.6	21.8	24.2	55.0E	5
6	82.6	87.2A	87.8	87.7	128	214	73.2	38.4	30.2	24.0	25.5	49.5E	6
7	82.7	85.4	106	88.8	135	183	72.8	36.1	29.5	24.8	27.0	42.0E	7
8	85.1	83.4	106	86.5	133	166	88.5	37.6	29.3	25.0	34.0	41.5E	8
9	83.8	81.6	89.4	85.0	132	165	85.8	41.7	28.3	23.8	35.1	40.5E	9
10	83.7	82.6	88.5	84.8	132	149	74.3	39.4	30.1	22.6	36.3	40.0E	10
11	89.8	82.7	106	81.1	132	147	78.2	33.5	29.3	20.5	37.4	40.2E	11
12	75.7	80.6	87.7	41.8	131	143	88.7	28.0	28.6	21.2	37.4	40.5E	12
13	80.7	78.4	106	40.7	130	138	84.5	31.7	26.4	21.8	36.8	40.0E	13
14	101	79.2	126	44.2	128	125	81.8	31.8	24.2	22.2	36.1	46.0E	14
15	102	77.1	102	45.8	126	121	84.0	30.8	26.0	22.2	28.4	55.0E	15
16	95.8	74.8	87.3	48.0	126	118	82.6	29.3	26.8	22.2	24.8	54.0E	16
17	88.9	77.0	80.0	53.8	126	113	80.2	35.3	27.3	21.8	23.8E	54.5E	17
18	85.8	78.1	75.7	53.1	122	121	46.1	33.4	27.3	21.7	31.0E	54.4E	18
19	85.1A	77.8	74.5	59.5	119	127	42.5	31.8	25.2	21.5	36.8E	54.2E	19
20	84.0E	78.7	74.8	58.2	118	118	36.2	32.2	25.2	21.8	38.0E	55.0E	20
21	83.0E	76.0	75.2	59.7	148	112	34.0	30.8	25.8	24.1	33.0E	55.8A	21
22	81.5E	76.1	74.3	72.2	229	109	40.2	28.3	25.8	25.3	36.3E	55.4	22
23	78.5E	75.7	71.1	75.0	288	103	41.0	26.8	27.4	25.6	36.0E	56.7	23
24	80.0E	82.8	70.4	73.4	276	99.8	39.0	27.8	27.3	25.1	35.8E	58.9	24
25	81.0E	84.3	89.8	86.8	281	97.1	46.1	28.1	28.8	25.1	35.5E	63.2	25
26	77.5E	83.9	87.4	85.5	284	95.8	56.7	37.3	28.3	20.2	35.0E	35.8	26
27	82.0E	87.5	83.0	89.4	283	94.2	56.4	38.6	28.4	17.8	36.0E	39.5	27
28	86.0E	118	72.8	75.0	282	90.9	53.1	40.1	26.0	17.8	43.0E	46.4	28
29	86.0E		88.9	75.8	241	85.4	50.4	37.3	25.8	16.9	48.0E	52.2	29
30	86.0E		89.7	81.1	247	80.8	48.1	29.6	25.4	17.3	47.5E	56.0	30
31	86.2E		89.1		252		48.4	28.0		26.2		56.8	31
TOTAL	2 387.0	2 383.4	2 781.6	1 805.0	5 128.5	4 257.8	1 804.3	1 080.9	809.4	687.0	1 007.8	1 503 7	TOTAL
MEAN	76.0	84.4	89.7	80.2	165	142	58.2	34.2	27.0	22.2	33.8	48.5	MEAN
MAX	102	118	126	81.1	291	245	76.4	44.7	30.8	26.2	48.0	56.8	MAX
MIN	82.6	74.8	83.0	40.7	75.8	80.8	34.0	27.8	21.8	16.9	23.8	36.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 70.0
MAXIMUM DAILY, 291 ON MAY 25
MINIMUM DAILY, 16.9 ON OCT 29
MAXIMUM INSTANTANEOUS,
393 AT 22:45 EST ON MAY 25

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 23 52 N
LONG 81 28 45 W
DRAINAGE AREA, 5 840 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	204 000	JUL	156 000
FEB	204 000	AUG	91 700
MAR	240 000	SEP	69 900
APR	156 000	OCT	59 400
MAY	443 000	NOV	87 100
JUN	368 000	DEC	130 000

TOTAL DISCHARGE, 2 210 000 dam³

MATTAWA RIVER BELOW BOUILLON LAKE - STATION NO. 02JE020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.2	9.05	9.48	81.0	34.5	18.6	10.8	4.20	3.13	3.14	8.87	11.5	1
2	10.0	9.15	9.35	88.3	34.7	14.1	9.45	4.04	3.05	3.07	7.04	11.5	2
3	9.94	9.31	9.23	82.2	35.6	13.0	8.83	3.82	2.88	3.03	7.03	11.5	3
4	9.78	9.18	9.12	80.2	35.8	13.0	9.77	3.85	2.74	2.94	6.87	11.6	4
5	9.89	9.26	9.17	82.1	36.9	12.5	9.84	3.88	2.84	2.83	6.80	11.7	5
6	9.41	9.19	9.16	84.3	41.6	11.1	8.08	3.87	2.81	3.01	7.39	11.8	6
7	9.20	9.02	9.27	85.6	44.6	10.7	7.83	3.38	1.81	3.10	12.2	11.5	7
8	9.08	8.98	9.10	84.7	50.1	10.5	8.05	3.12	1.23	3.01	13.3	11.3	8
9	9.19	8.97	8.98	83.3	58.7	9.24	4.14	2.98	1.04	2.91	13.5	11.0	9
10	9.31	8.84	8.76	48.6	63.2	4.88	4.87	2.86	1.30	2.90	12.8	10.8	10
11	9.87	8.78	8.71	35.8	48.7	2.80	8.72	2.81	1.31	2.95	12.3	10.8	11
12	9.75	8.72	8.84	35.6	45.0	3.10	7.44	2.78	2.23	3.14	12.1	10.4	12
13	9.83	8.80	8.82	38.0	41.9	8.68	8.88	2.88	3.81	3.41	11.8	10.1	13
14	9.82	8.81	8.70	35.5	39.5	10.2	8.84	2.73	3.84	3.44	11.7	9.78	14
15	9.86	8.32	7.17	36.3	33.4	10.3	4.81	3.08	3.80	3.48	12.1	9.48	15
16	9.89	8.23	8.24	38.4	30.7	9.84	4.88	2.71	3.31	3.98	18.4	9.06	16
17	9.87	8.04	8.28	40.0	21.0	9.87	4.28	1.88	3.18	4.56	30.2	8.77	17
18	9.70	7.83	10.7	44.5	21.9	10.3	2.83	1.34	3.11	4.88	43.1	8.48	18
19	9.85	7.88	11.8	47.5	22.2	12.1	1.88	1.30	3.00	7.81	38.4	8.17	19
20	9.87	7.81	11.9	48.8	21.8	16.8	1.20	1.38	2.90	8.62	34.8	7.88	20
21	9.84	7.37	12.2	48.3	22.8	15.8	1.07	1.84	2.80	8.58	31.8	7.77	21
22	9.44	7.34	12.0	46.8	26.5	14.0	1.02	1.83	2.87	8.33	28.5	7.89	22
23	9.11	7.14	11.7	44.4	28.0	10.9	1.00	4.00	4.00	7.88	26.0	7.34	23
24	8.85	7.18	11.4	42.3	28.8	10.8	1.04	4.88	3.82	7.48	23.8	7.09	24
25	9.00	8.85	11.2	40.8	26.9	12.3	1.10	4.30	3.88	7.14	21.7	8.84	25
26	8.80	8.84	11.3	41.2	27.8	18.2	1.16	3.85	3.88	8.84	20.2	8.80	26
27	8.88	8.75	11.8	42.8	28.2	22.2	1.37	3.71	3.81	8.81	18.7	8.85	27
28	8.78	8.47	15.2	40.4	24.8	21.3	1.81	3.88	3.47	8.88	17.8	8.80	28
29	8.43		31.8	31.8	23.5	18.8	4.01	3.40	3.34	8.32	18.8	8.75	29
30	8.48		84.8	33.8	22.0	18.8	4.88	3.32	3.27	8.08	12.1	8.83	30
31	8.88		84.8		20.7		4.87	3.18		8.88		8.87	31
TOTAL	281.36	238.02	401.83	1 348.3	1 032.0	370.10	148.83	85.82	88.85	154.07	539.80	284.88	TOTAL
MEAN	9.40	8.18	13.0	44.8	33.0	12.3	4.80	3.08	2.80	4.87	17.9	9.18	MEAN
MAX	10.2	9.31	84.8	81.0	88.7	22.2	15.8	4.88	4.00	8.82	43.1	11.8	MAX
MIN	8.43	8.47	9.70	31.8	20.7	8.80	1.00	1.30	1.04	2.83	8.80	8.87	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.8
MAXIMUM DAILY, 84.8 ON MAR 30
MINIMUM DAILY, 1.00 ON JUL 23
MAXIMUM INSTANTANEOUS,
88.8 AT 18:80 EST ON MAR 30

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 17 88 N
LONG 78 84 28 W
DRAINAGE AREA, 908 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	38 300	JUL	12 800
FEB	19 800	AUG	8 280
MAR	34 700	SEP	7 800
APR	116 000	OCT	13 300
MAY	88 300	NOV	48 300
JUN	32 000	DEC	24 800

TOTAL DISCHARGE, 439 000 dam³

MATTAWISHKWIA RIVER AT HEARST - STATION NO. 04LK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.488	1.20 B	0.8388	1.008	42.08	23.0	2.72	0.396	0.818	0.348	21.3	8.488	1
2	2.428	1.17 B	0.8208	1.128	49.58	26.4	2.46	0.377	0.857	0.448	21.3	5.908	2
3	2.358	1.14 B	0.8008	1.228	71.58	27.1	2.26	0.483	0.830	0.454	18.8	5.388	3
4	2.308	1.12 B	0.8808	1.318	93.58	25.5	2.02	0.447	0.472	0.438	17.7	4.858	4
5	2.248	1.08 B	0.8658	1.408	118	23.0	1.83	0.883	0.488	0.473	16.8	4.698	5
6	2.208	1.07 B	0.8588	1.488	132	20.4	1.68	1.34	0.432	0.805	18.0	4.268	6
7	2.158	1.08 B	0.8408	1.818	122	18.3	1.48	5.48	0.372	0.828	21.8	3.858	7
8	2.178	1.02 B	0.8308	1.988	106	16.8	1.38	8.88	0.331	0.748	22.4	3.558	8
9	2.158	1.00 B	0.8208	1.828	88.0	15.8	1.28	8.80	0.304	0.813	24.8	3.308	9
10	2.138	0.9808	0.8208	1.878	84.8	15.0	1.40	8.28	0.284	1.08	26.8	3.108	10
11	2.088	0.9608	0.8308	1.738	83.4	13.8	1.80	5.78	0.263	1.28	25.7	2.988	11
12	2.058	0.9408	0.8408	1.838	85.8	12.5	3.01	5.08	0.288	1.55	23.8	2.788	12
13	2.008	0.9208	0.8508	1.938	108	11.2	4.38	4.38	0.238	1.78	21.5 B	2.808	13
14	1.958	0.9008	0.8608	2.038	118	10.1	4.31	3.88	0.201	2.00	20.0 B	2.488	14
15	1.908	0.8808	0.8658	2.188	123	8.96	3.81	3.61	0.188	2.08	18.7 B	2.388	15
16	1.848	0.8608	0.8608	2.328	117	7.88	3.58	3.51	0.185	2.18	20.0 B	2.328	16
17	1.778	0.8458	0.8458	2.808	108	7.11	3.31	3.22	0.213	2.07	22.2 B	2.128	17
18	1.728	0.8308	0.8408	2.808	97.4	8.44	2.78	2.81	0.273	1.88	23.3 B	2.048	18
19	1.678	0.8108	0.8308	3.108	87.4	8.87	2.34	2.48	0.262	1.80	20.5 B	1.958	19
20	1.628	0.7908	0.8208	3.488	80.8	8.26	1.98	2.25	0.258	1.81	17.5 B	1.888	20
21	1.588	0.7728	0.8188	4.208	108	5.42	1.71	2.00	0.200	2.28	15.5 B	1.818	21
22	1.548	0.7508	0.8108	5.408	118	4.55	1.54	1.72	0.321	2.48	14.2 B	1.748	22
23	1.508	0.7388	0.8108	6.758	110	3.93	1.37	1.57	0.488	2.88	13.0 B	1.688	23
24	1.478	0.7208	0.8108	7.808	102	3.38	1.20	1.46	0.405	3.33	12.1 B	1.648	24
25	1.438	0.7068	0.8158	8.808	88.3	2.84	1.01	1.37	0.280	3.88	11.0 B	1.618	25
26	1.408	0.8908	0.8258	14.0 B	77.8	2.58	0.908	1.24	0.240	5.58	10.0 B	1.588	26
27	1.378	0.8758	0.8608	22.5 B	89.3	2.74	0.870	1.14	0.237	10.5	8.208	1.518	27
28	1.338	0.8608	0.8108	28.5 B	80.8	2.44	0.888	1.04	0.288	15.4	8.308	1.488	28
29	1.308		0.8808	36.0 B	62.0	2.42	0.892	0.980	0.288	17.7	7.808	1.448	29
30	1.288		0.7708	41.0 B	44.8	2.81	0.820	0.828	0.278	18.5	7.108	1.408	30
31	1.238		0.8708		38.2		0.437	0.898		18.7		1.378	31
TOTAL	56.84	26.282	17.880	214.48	2 826.4	348.78	80.402	78.412	9.738	127.018	532.40	85.80	TOTAL
MEAN	1.83	0.903	0.870	7.15	91.1	11.8	1.98	2.58	0.325	4.10	17.7	2.77	MEAN
MAX	2.48	1.20	0.870	41.0	132	33.0	4.38	8.80	0.818	18.7	26.8	8.45	MAX
MIN	1.23	0.880	0.810	1.00	38.2	2.42	0.437	0.388	0.188	0.348	7.10	1.37	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.0
MAXIMUM DAILY, 132 ON MAY 8
MINIMUM DAILY, 0.188 ON SEP 18
MAXIMUM INSTANTANEOUS,
134 AT 09:24 EST ON MAY 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 56 N
LONG 83 38 30 W
DRAINAGE AREA, 1 140 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 890	JUL	5 220
FEB	2 180	AUG	8 880
MAR	1 530	SEP	841
APR	18 500	OCT	11 000
MAY	244 000	NOV	46 000
JUN	30 000	DEC	7 410

TOTAL DISCHARGE, 378 000 dam³

MCGREGOR CREEK NEAR CHATHAM - STATION NO. 02GE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.743	3.82	0.1158	1.06	0.223	18.1	0.278	0.048	0.184	0.068	0.194	0.485	1
2	0.531	1.92	0.1078	0.821	0.212	11.0	0.233	0.046	0.227	0.080	0.178	0.373	2
3	0.3708	0.8808	0.0958	8.70	0.201	4.60	0.207	0.046	0.172	0.080	0.178	0.280	3
4	0.3088	0.5208	0.1508	12.4	0.321	8.24	0.893	0.043	0.104	0.068	0.158	0.234	4
5	0.2858	0.3808	0.3458	5.38	0.441	2.71	0.825	0.047	0.072	0.044	0.141	0.247	5
6	0.268	0.2508	0.2208	2.83	0.580	1.38 A	0.359	0.048	0.084	0.048	0.144	0.274	6
7	0.332	0.2208	0.1358	1.88	0.474	0.690E	0.244	0.042	0.088	0.054	0.188	0.253	7
8	8.87	0.2008	0.1228	1.24	0.402	0.395E	0.183	0.038	0.101	0.048	0.487	0.178	8
9	2.00 B	0.1808	0.1008	0.980	0.380	0.355E	0.163	0.041	0.093	0.043	0.884	0.132	9
10	1.00 B	0.1658	0.1158	0.720	0.321	0.320E	0.151	0.040	0.122	0.082	0.824	0.143	10
11	0.7408	0.1858	0.1208	0.845	0.321	0.240E	0.124	0.085	0.121	0.158	0.834	0.183	11
12	0.5808	0.2208	0.1858	0.585	0.412	0.310E	0.105	0.081	0.087	0.101	0.370	0.170	12
13	0.4808	0.258	0.1408	0.765	0.827A	0.370E	0.102	0.043	0.072	0.070	0.269	0.1288	13
14	0.3858	0.312	0.2188	0.708	0.646A	0.428A	0.102	0.038	0.067	0.061	0.253	0.1158	14
15	0.3458	0.446	0.4228	0.687	0.491A	0.380	0.091	0.036	0.328	0.059	2.04	0.1108	15
16	0.3108	0.386	0.285	0.884	0.417A	0.477	0.081	0.042	0.288	0.075	17.1	0.1008	16
17	0.2808	0.281	0.234	1.88	0.328	0.384	0.078	0.081	0.318	0.073	8.80	0.0848	17
18	0.3808	0.195	1.11	7.82	0.265	2.81	0.068	0.040	0.488	0.060	1.83	0.0748	18
19	0.4708	0.174	0.8788	2.87	0.234	0.841	0.070	0.037	0.238	0.137	0.892	0.0548	19
20	0.4208	0.188	0.8368	1.82	0.277	14.4	0.182	0.038	0.148	2.40	0.8228	0.0598	20
21	0.2858	0.347	0.3588	1.06	0.342	2.73	0.287	0.040	0.105	2.14	0.4728	0.0548	21
22	0.2808	0.8588	0.3618	0.823	0.225	1.43	0.157	0.370	0.185	1.19	0.3618	0.0538	22
23	0.2498	0.3908	0.3868	0.624	0.198	1.14	0.110	2.32	0.180	0.848	0.3208	0.0528	23
24	0.2388	0.2058	0.478	0.503	0.483	0.751	0.081	0.888	0.100	0.444	0.2898	0.0518	24
25	0.2328	0.1258	0.705	0.436	0.882	0.847	0.078	0.238	0.088	0.353	0.2928	0.0508	25
26	1.32	0.1158	1.07	0.387	40.8	0.418	0.068	0.118	0.080	0.288	0.2858	0.0488	26
27	1.78	0.1288	1.12	0.342	14.8	2.53	0.070	0.078	0.083	0.258	0.302	0.0488	27
28	0.882	0.1208	1.73	0.301	3.04	1.14	0.118	0.088	0.051	0.234	1.06	0.0478	28
29	0.838		2.88	0.277	1.88	0.8588	0.082	0.888	0.050	0.218	0.888	0.0528	29
30	3.82		1.48	0.284	1.11	0.360	0.061	0.724	0.050	0.200	0.834	0.0588	30
31	3.88		1.42		8.23		0.053	0.240		0.195		0.0908	31
TOTAL	30.777	13.300	17.828	58.733	78.478	81.185	5.429	6.753	4.260	8.885	37.814	4.388	TOTAL
MEAN	0.993	0.478	0.575	1.86	2.56	2.71	0.175	0.218	0.142	0.319	1.26	0.138	MEAN
MAX	8.87	3.82	2.88	12.4	40.8	18.1	0.825	2.32	0.488	2.40	17.1	0.485	MAX
MIN	0.232	0.118	0.085	0.284	0.198	0.280	0.053	0.037	0.050	0.043	0.141	0.047	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.858
MAXIMUM DAILY, 40.8 ON MAY 26
MINIMUM DAILY, 0.037 ON AUG 16
MAXIMUM INSTANTANEOUS,
51.7 AT 10:26 EST ON MAY 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 33 00 N
LONG 82 05 30 W
DRAINAGE AREA, 302 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 680	JUL	469
FEB	1 150	AUG	583
MAR	1 540	SEP	367
APR	5 070	OCT	884
MAY	8 470	NOV	3 380
JUN	7 010	DEC	370

TOTAL DISCHARGE, 30 200 dam³

MCINTYRE RIVER ABOVE THUNDER BAY - STATION NO. 02AB020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1808	0.0718	0.0318	0.1478	4.28	0.724	0.818	0.084	0.152	0.087	0.177	0.0838	1
2	0.1788	0.0698	0.0308	0.2148	4.10	0.831	0.888	0.088	0.130	0.127	0.143	0.0788	2
3	0.1718	0.0678	0.0288	0.2858	4.44	0.721	0.473	0.070	0.118	0.158	0.124	0.0768	3
4	0.1658	0.0658	0.0298	0.4418	4.85	0.835	0.312	0.073	0.293	0.169	0.134	0.0718	4
5	0.1618	0.0638	0.0288	0.8008	5.17	0.888	0.233	0.088	0.947	0.154	0.151	0.0888	5
6	0.1568	0.0618	0.0288	0.4508	5.37	0.887	0.243	0.087	0.858	0.148	0.175	0.0858	6
7	0.1518	0.0608	0.0278	0.4108	3.85	0.753	0.288	0.088	0.358	0.142	0.178	0.0838	7
8	0.1478	0.0588	0.0278	0.3808	3.85	1.04	0.214	0.071	0.241	0.138	0.237	0.0808	8
9	0.1438	0.0568	0.0288	0.3788	3.67	1.39	0.185	0.058	0.186	0.127	0.418	0.0588	9
10	0.1388	0.0548	0.0288	0.3648	3.37	1.12	0.180	0.048	0.148	0.128	0.418	0.0868	10
11	0.1338	0.0538	0.0258	0.3588	2.88	0.745	0.138	0.033	0.132	0.126	0.381	0.0858	11
12	0.1308	0.0518	0.0258	0.3628	2.80	0.868	0.124	0.034	0.113	0.123	0.242	0.0638	12
13	0.1288	0.0508	0.0258	0.5888	2.58	2.38	0.117	0.041	0.118	0.117	0.3008	0.0818	13
14	0.1238	0.0488	0.0258	0.7008	2.42	3.26	0.108	0.047	0.102	0.115	0.2708	0.0808	14
15	0.1188	0.0478	0.0248	0.8258	2.18	2.03	0.113	0.040	0.088	0.124	0.2488	0.0498	15
16	0.1158	0.0458	0.0248	1.28 B	1.65	1.15	0.123	0.034	0.085	0.117	0.2258	0.0478	16
17	0.1128	0.0448	0.0248	1.78 B	1.74	0.785	0.117	0.031	0.085	0.124	0.2078	0.0488	17
18	0.1098	0.0438	0.0248	1.88 B	1.56	0.818	0.088	0.030	0.080	0.128	0.1928	0.0488	18
19	0.1068	0.0418	0.0238	2.54 B	1.48	0.492	0.087	0.045	0.118	0.184	0.1778	0.0448	19
20	0.1038	0.0408	0.0238	3.42 B	1.89	0.362	0.078	0.155	0.467	0.127	0.1638	0.0438	20
21	0.0988	0.0388	0.0238	3.80 B	2.38	0.401	0.058	0.184	0.484	0.123	0.1528	0.0428	21
22	0.0968	0.0368	0.0238	3.83 B	1.84	0.542	0.056	0.883	0.453	0.118	0.1428	0.0418	22
23	0.0938	0.0378	0.0238	4.01 B	2.23	0.522	0.081	0.885	0.388	0.119	0.1328	0.0408	23
24	0.0818	0.0368	0.0238	4.30	2.20	0.369	0.058	0.501	0.856	0.115	0.1238	0.0398	24
25	0.0868	0.0358	0.0238	5.60	3.46	0.390	0.048	0.275	0.881	0.117	0.1178	0.0388	25
26	0.0858	0.0348	0.0288	5.85	3.45	0.809	0.054	0.188	0.751	0.128	0.1108	0.0388	26
27	0.0838	0.0338	0.0328	7.54	2.43	1.02	0.053	0.163	0.884	0.134	0.1028	0.0378	27
28	0.0808	0.0328	0.0378	8.73	1.58	0.900	0.076	0.141	0.200	0.130	0.0978	0.0378	28
29	0.0748		0.0538	8.22	1.28	0.588	0.070	0.188	0.173	0.147	0.0928	0.0388	29
30	0.0788		0.0748	4.96	1.10	0.858	0.088	0.215	0.108	0.188	0.0878	0.0388	30
31	0.0748		0.1028		0.903		0.084	0.182		0.288		0.0358	31
TOTAL	3.708	1.370	0.982	70.958	88.113	28.887	5.387	4.875	8.074	4.204	5.818	1.578	TOTAL
MEAN	0.120	0.048	0.031	2.37	2.84	0.889	0.173	0.157	0.302	0.136	0.184	0.051	MEAN
MAX	0.180	0.071	0.102	7.54	5.17	3.26	0.818	0.885	0.947	0.288	0.418	0.083	MAX
MIN	0.074	0.032	0.023	0.147	0.903	0.362	0.046	0.030	0.080	0.087	0.087	0.035	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.810
MAXIMUM DAILY, 7.54 ON APR 27
MINIMUM DAILY, 0.0238 ON MAR 19
MAXIMUM INSTANTANEOUS,
7.89 AT 22:15 EST ON APR 26

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 36 57 N
LONG 89 19 31 W
DRAINAGE AREA, 80.0 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	320	JUL	483
FEB	118	AUG	421
MAR	83.1	SEP	784
APR	6 130	OCT	363
MAY	7 610	NOV	503
JUN	2 500	DEC	136

TOTAL DISCHARGE, 19 200 dam³

MCKENZIE CREEK NEAR CALEDONIA - STATION NO. 02CB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.00 B	2.30 B	0.3648	5.29	0.817	0.844	2.68	0.308	0.178	0.338	0.512	1.80 B	1
2	1.70 B	2.80 B	0.3358	5.38	0.584	1.21	1.27	0.218	0.204	0.305	0.471	1.45 B	2
3	1.30 B	3.10 B	0.3128	5.26	0.697	1.66	0.774	0.336	0.207	0.274	0.458	1.15 B	3
4	1.00 B	2.15 B	0.3508	5.81	0.626	1.65	0.507	0.260	0.262	0.268	0.440	0.8408	4
5	0.8008	1.85 B	0.4208	7.11	0.868	1.58	0.328	0.220	0.288	0.265	0.427	0.8008	5
6	0.8508	1.10 B	0.3708	6.31	0.880	1.34	0.328	0.204	0.258	0.281	0.424	0.8278	6
7	0.7208	0.8608	0.4108	5.35	0.871	1.06	0.337	0.186	0.236	0.247	0.438	0.5908	7
8	0.8408	0.5608	0.4408	4.23	1.55	0.848	0.333	0.177	0.213	0.238	0.512	0.5608	8
9	1.08 B	0.4108	0.5208	3.31	1.84	0.640	0.328	0.238	0.201	0.241	0.885	0.5308	9
10	1.18 B	0.3808	0.5908	2.68	1.44	0.552	0.241	0.288	0.182	0.273	1.38	0.5058	10
11	1.13 B	0.3858	0.6008	2.24	1.50	0.508	0.221	0.148	0.181	0.278	1.78	0.4808	11
12	1.10 B	0.4008	1.20 B	1.83	4.09	0.478	0.218	0.112	0.180	0.288	2.12	0.4708	12
13	1.03 B	0.4388	1.05 B	1.87	4.88	0.461	0.214	0.116	0.184	0.287	2.18	0.4608	13
14	0.8808	0.4858	1.20 B	1.85	3.72	0.442	0.271	0.113	0.188	0.388	2.18	0.4508	14
15	0.8408	0.4508	1.30 B	1.85	2.88	0.427	0.281	0.128	0.220	0.422	2.67	0.4458	15
16	0.7808	0.4208	1.40 B	1.71	2.31	0.428	0.208	0.180	0.211	0.418	4.84	0.4388	16
17	0.6808	0.3958	1.20 B	1.78	1.82	0.427	0.282	0.163	0.226	0.380	5.28	0.4258	17
18	0.6208	0.3758	1.40 B	2.06	1.38	0.417	0.242	0.178	0.238	0.341	6.61	0.4208	18
19	0.5508	0.3608	1.70 B	2.36	1.00	0.397	0.267	0.188	0.250	0.317	6.62	0.4108	19
20	0.5008	0.3508	2.00 B	2.19	0.780	0.408	0.218	0.172	0.257	0.308	6.74	0.4068	20
21	0.4858	0.3708	1.85 B	1.84	0.785	0.408	0.212	0.208	0.263	0.489	8.28	0.4008	21
22	0.4358	0.4008	1.70 B	1.67	0.815	1.07	0.214	0.190	0.278	0.573	5.00 B	0.3858	22
23	0.4158	0.4458	2.30 B	1.42	1.02	2.92	0.218	0.255	0.418	0.777	4.00 B	0.3808	23
24	0.4808	0.4108	3.00 B	1.19	1.07	1.84	0.184	0.325	0.801	0.888	3.00 B	0.3808	24
25	0.5008	0.3908	4.00 B	1.04	1.04	1.80	0.177	0.308	0.982	1.17	2.82	0.3908	25
26	0.5808	0.3708	5.00 B	0.951	0.987	1.30	0.180	0.278	1.21	1.31	1.80	0.3808	26
27	0.7008	0.3608	5.80	0.891	0.957	1.20	0.280	0.280	1.11	1.32	1.33	0.3808	27
28	0.9008	0.3588	6.27	0.831	0.928	1.58	0.273	0.238	0.777	1.02	1.84	0.3808	28
29	1.28 B		7.28	0.788	0.884	2.90	0.408	0.229	0.498	0.805	1.62	0.3908	29
30	1.50 B		6.95	0.805	0.826	3.68	0.385	0.208	0.383	0.854	1.78	0.4208	30
31	1.90 B		6.68		0.783		0.317	0.152		0.882		0.4508	31
TOTAL	28.518	22.378	88.071	83.288	44.104	34.312	12.348	6.630	10.675	15.686	78.738	17.857	TOTAL
MEAN	0.920	0.799	2.20	2.78	1.42	1.14	0.398	0.214	0.383	0.506	2.58	0.586	MEAN
MAX	2.00	3.10	7.28	7.11	4.88	3.68	2.68	0.336	1.21	1.31	8.74	1.80	MAX
MIN	0.415	0.350	0.312	0.805	0.517	0.397	0.177	0.112	0.178	0.238	0.424	0.390	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.15
MAXIMUM DAILY, 7.28 ON MAR 29
MINIMUM DAILY, 0.112 ON AUG 12
MAXIMUM INSTANTANEOUS,
7.58 AT 21:36 EST ON APR 4

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 02 03 N
LONG 79 57 00 W
DRAINAGE AREA, 171 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 480	JUL	1 070
FEB	1 930	AUG	573
MAR	5 880	SEP	940
APR	7 200	OCT	1 380
MAY	3 810	NOV	6 830
JUN	2 860	DEC	1 920

TOTAL DISCHARGE, 36 300 dam³

MCVICAR CREEK AT THUNDER BAY - STATION NO. 02AB019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1428	0.0478	0.0238	0.181	1.88	0.518	0.420	0.081	0.118	0.085	0.081	0.0388	1
2	0.1368	0.0468	0.0238	0.303	1.57	0.456	0.388	0.084	0.084	0.172	0.0778	0.0348	2
3	0.1318	0.0448	0.0238	0.873	1.88	0.426	0.287	0.047	0.077	0.081	0.0738	0.0338	3
4	0.1288	0.0438	0.0238	0.883	1.80	0.478	0.231	0.031	0.843	0.080	0.070	0.0328	4
5	0.1228	0.0418	0.0238	0.884	2.24	0.528	0.195	0.082	0.884	0.085	0.153	0.0318	5
6	0.1188	0.0408	0.0238	0.884	2.04	0.480	0.213	0.046	0.382	0.089	0.129	0.0308	6
7	0.1138	0.0388	0.0238	0.567	1.58	0.848	0.185	0.029	0.255	0.077	0.121	0.0298	7
8	0.1088	0.0388	0.0238	0.408	1.61	0.849	0.140	0.029	0.197	0.075	0.180	0.0288	8
9	0.1048	0.0378	0.0238	0.523	1.43	0.721	0.134	0.022	0.143	0.070	0.180	0.0278	9
10	0.1018	0.0368	0.0238	0.374	1.34	0.648	0.113	0.017	0.124	0.068	0.169	0.0288	10
11	0.0978	0.0358	0.0238	0.288	1.24	0.448	0.104	0.013	0.129	0.073	0.174	0.0288	11
12	0.0938	0.0348	0.0238	0.278	1.08	0.482	0.098	0.178	0.127	0.077	0.1388	0.0288	12
13	0.0888	0.0338	0.0238	0.330	0.973	0.884	0.088	0.032	0.095	0.072	0.1128	0.0248	13
14	0.0868	0.0328	0.0238	0.388	0.861	1.13	0.081	0.030	0.106	0.083	0.0978	0.0238	14
15	0.0838	0.0328	0.0238	0.549	0.958	0.700	0.097	0.025	0.087	0.088	0.0888	0.0238	15
16	0.0808	0.0318	0.0238	0.941	0.850	0.488	0.082	0.017	0.082	0.080	0.0808	0.0228	16
17	0.0778	0.0308	0.0238	1.17	0.733	0.382	0.078	0.015	0.084	0.081	0.0748	0.0228	17
18	0.0758	0.0308	0.0238	1.19	0.637	0.343	0.084	0.008	0.088	0.085	0.0678	0.0218	18
19	0.0718	0.0288	0.0238	1.16	0.549	0.298	0.085	0.184	0.132	0.088	0.0638	0.0218	19
20	0.0888	0.0288	0.0238	1.23	1.28	0.281	0.088	0.223	0.138	0.088	0.0598	0.0208	20
21	0.0678	0.0288	0.0238	1.37	1.41	0.235	0.043	0.088	0.178	0.089	0.0588	0.0208	21
22	0.0658	0.0278	0.0238	1.83	1.22	0.214	0.038	0.538	0.185	0.082	0.0528	0.0198	22
23	0.0628	0.0278	0.0248	1.89	1.31	0.226	0.037	0.333	0.121	0.085	0.0488	0.0188	23
24	0.0608	0.0268	0.0268	1.71	1.22	0.223	0.037	0.230	0.118	0.084	0.0478	0.0178	24
25	0.0588	0.0268	0.0348	2.05	2.09	0.298	0.023	0.155	0.123	0.087	0.0488	0.0178	25
26	0.0588	0.0258	0.0418	2.38	1.77	0.381	0.187	0.108	0.099	0.080	0.0438	0.0168	26
27	0.0548	0.0248	0.0518	2.83	1.18	0.478	0.088	0.100	0.088	0.048	0.0418	0.0158	27
28	0.0538	0.0248	0.0628	2.48	0.848	0.384	0.080	0.083	0.084	0.059	0.0408	0.0148	28
29	0.0518		0.0748	2.27	0.700	0.334	0.038	0.288	0.088	0.118	0.0388	0.0148	29
30	0.0508		0.0958	1.81	0.581	0.414	0.030	0.145	0.088	0.080	0.0378	0.0138	30
31	0.0488		0.1208		0.547		0.031	0.138		0.088		0.0138	31
TOTAL	2.842	0.930	1.037	32.581	38.248	13.993	3.695	3.318	4.803	2.264	2.880	0.709	TOTAL
MEAN	0.088	0.033	0.033	1.08	1.27	0.488	0.118	0.107	0.153	0.073	0.089	0.023	MEAN
MAX	0.142	0.047	0.120	2.83	2.24	1.13	0.420	0.538	0.884	0.172	0.180	0.038	MAX
MIN	0.048	0.024	0.023	0.181	0.547	0.214	0.023	0.008	0.058	0.048	0.037	0.013	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.385
MAXIMUM DAILY, 2.83 ON APR 27
MINIMUM DAILY, 0.008 ON AUG 18
MAXIMUM INSTANTANEOUS,
2.71 AT 03:15 EST ON APR 26

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 26 58 N
LONG 89 13 09 W
DRAINAGE AREA, 48.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	238	JUL	319
FEB	80.4	AUG	287
MAR	89.5	SEP	396
APR	2 810	OCT	195
MAY	3 390	NOV	230
JUN	1 210	DEC	61.3

TOTAL DISCHARGE, 9 300 dam³

MEDWAY RIVER AT LONDON - STATION NO. 02GD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.00 B	5.19	0.4208	4.12	0.889	1.03	0.305	0.186	0.408	0.094	0.288	1.82	1
2	1.75 B	4.15	0.4108	3.22	0.762	1.91	0.292	0.231	0.182	0.107	0.232	1.61	2
3	1.50 B	3.10	0.4008	5.23	0.714	2.17	0.238	0.215	0.098	0.102	0.184	1.28 B	3
4	1.20 B	2.42	0.5008	11.8	0.718	1.80	0.278	0.208	0.071	0.092	0.148	1.00 B	4
5	1.15 B	2.10 B	0.8008	10.4	0.777	1.22	0.334	0.153	0.084	0.118	0.149	0.8058	5
6	1.10 B	1.75 B	0.7408	8.88	0.885	1.01	0.338	0.045	0.082	0.113	0.313	0.8788	6
7	1.85 B	1.50 B	0.8808	6.21	0.887	0.728	0.310	0.026	0.066	0.112	0.808	0.8408	7
8	8.20 B	1.28 B	0.8308	4.24	0.713	0.681	0.289	0.092	0.095	0.113	0.285	0.8288	8
9	7.30 B	1.10 B	1.45 B	3.22	0.833	0.624	0.177	0.231	0.119	0.113	0.288	0.8008	9
10	3.01 B	0.8208	1.80 B	2.76	0.814	0.533	0.268	0.180	0.079	0.887	0.334	0.4788	10
11	2.80 B	0.8408	3.40 B	2.45	0.565	0.587	0.286	0.176	0.081	0.318	0.521	0.4838	11
12	3.00 B	0.8008	5.82 B	2.88	0.898	0.639	0.254	0.128	0.071	0.128	0.442	0.4348	12
13	3.10 B	0.8208	3.40 B	3.82	0.693	0.591	0.232	0.209	0.082	0.068	0.373	0.4188	13
14	1.70 B	0.8508	1.70	8.84	0.618	0.532	0.267	0.174	0.102	0.048	0.451	0.4048	14
15	1.40 B	0.9008	2.89	8.88	0.844	0.489	0.218	0.278	0.097	0.052	1.50	0.3908	15
16	1.10 B	0.8508	3.08	5.82	0.577	0.502	0.112	0.208	0.103	0.070	5.88	0.3788	16
17	1.00 B	0.8108	1.91	4.10	0.488	0.534	0.116	0.148	0.131	0.185	8.28	0.3688	17
18	0.9708	0.7708	7.85	4.20	0.457	0.531	0.155	0.184	0.084	0.107	3.18	0.3628	18
19	0.9508	0.7308	8.73	3.48	0.527	0.740	0.249	0.109	0.084	0.141	1.83	0.3588	19
20	1.03 B	0.6708	5.36	3.87	0.478	1.49	0.366	0.115	0.088	0.172	1.50	0.3578	20
21	0.9408	0.6308	3.21 B	2.08	0.611	0.815	0.288	0.154	0.074	0.144	1.70	0.3548	21
22	0.9408	0.5708	2.26 B	1.71	0.598	0.885	0.172	0.150A	0.287	0.141	1.81	0.3518	22
23	0.9208	0.5408	2.46 B	1.44	0.673	0.858	0.081	0.045	0.348	0.185	1.40	0.3488	23
24	0.9008	0.5008	5.87	1.27	0.807	0.854	0.082	0.083	0.181	0.288	1.31	0.3468	24
25	0.9008	0.4708	7.85	1.18	0.838	0.824	0.359	0.183	0.129	0.237	1.00	0.3448	25
26	3.86 B	0.4808	8.28	1.13	3.44	0.838	0.147	0.083	0.103	0.224	0.884	0.3438	26
27	3.61	0.4608	7.15	1.02	2.09	0.806	0.133	0.058	0.088	0.222	1.08	0.3428	27
28	3.08	0.4308	8.90	0.952	1.32	0.451	0.255	0.051	0.088	0.174	2.47	0.3418	28
29	2.15		14.1	0.844	1.01	0.448	0.152	0.186	0.092	0.088	3.88	0.3428	29
30	4.12		9.88	0.803	1.04	0.428	0.082	0.081	0.081	0.138	2.81	0.3568	30
31	4.48		8.82		1.09		0.110	0.084		0.280		0.4228	31
TOTAL	87.630	35.830	128.790	115.369	24.828	24.000	6.878	4.407	3.883	5.022	42.804	17.088	TOTAL
MEAN	2.18	1.27	4.15	3.85	0.801	0.800	0.222	0.142	0.123	0.162	1.42	0.551	MEAN
MAX	8.20	5.19	14.1	11.8	3.44	2.17	0.366	0.275	0.408	0.887	5.26	1.82	MAX
MIN	0.900	0.430	0.400	0.803	0.457	0.428	0.082	0.026	0.082	0.048	0.148	0.341	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.30
MAXIMUM DAILY, 14.1 ON MAR 29
MINIMUM DAILY, 0.026 ON AUG 7
MAXIMUM INSTANTANEOUS,
15.8 AT 14:06 EST ON MAR 29

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 00 50 N
LONG 81 15 39 W
DRAINAGE AREA, 300 km²

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1970

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 840	JUL	594
FEB	3 080	AUG	341
MAR	11 100	SEP	318
APR	9 970	OCT	434
MAY	3 190	NOV	3 870
JUN	2 070	DEC	1 470

TOTAL DISCHARGE, 41 100 dam³

MICHIPICOTEN RIVER AT HIGH FALLS - STATION NO. 02BD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	75.3	86.4	82.0	78.4	78.2	180	85.8	51.2	81.4	38.9	81.2	70.0	1
2	75.3	86.3	81.7	76.8	76.5	169	85.4	52.3	47.2	46.5	84.4	87.5	2
3	75.4	86.6	82.4	85.5	76.4	160	84.4	74.8	81.4	52.1	58.5	84.6	3
4	75.4	86.8	80.4	80.3	81.8	152	78.4	73.8	56.3	52.7	30.6	70.5	4
5	82.5	82.7	81.2	83.1	103	152	73.6	84.8	70.3	52.7	42.3	71.5	5
6	86.3	86.2	84.6	84.0	97.5	117	74.3	45.8	86.9	52.7	52.2	83.3	6
7	86.2	86.2	83.5	85.6	86.3	91.3	86.8	18.5	57.2	48.7	80.0	74.2	7
8	86.0	86.0	80.0	83.5	81.4	142	81.5	26.8	86.2	44.2	82.3	70.1	8
9	86.2	86.3	79.5	83.8	79.0	185	81.5	43.8	84.8	42.5	53.0	80.4	9
10	72.5	86.3	87.4	84.5	75.5	170	82.4	43.1	78.5	49.6	82.0	80.8	10
11	86.5	86.2	86.2	84.8	76.3	170	84.5	49.6	71.5	48.3	57.4	86.6	11
12	72.5	86.2	73.1	84.2	74.7	183	86.0	29.3	86.3	46.8	41.0	73.1	12
13	86.2	86.4	84.5	78.8	75.4	160	83.1	28.5	57.2	47.5	51.5	74.2	13
14	86.0	87.3	87.7	75.3	76.7	132	82.0	42.5	89.0	40.5	86.2	74.1	14
15	86.0	85.7	85.2	75.3	83.0	134	81.4	86.5	72.7	41.8	86.2	74.0	15
16	87.8	86.6	82.3	75.7	126	136	81.4	87.6	31.7	38.7	70.0	74.1	16
17	86.5	86.8	86.3	75.4	214	130	89.1	86.4	19.3	44.4	71.4	70.4	17
18	86.3	86.3	77.4	74.1	247	128	86.4	83.1	34.4	51.1	81.2	86.4	18
19	86.4	86.2	83.1	75.7	288	116	84.8	44.4	86.2	57.1	87.7	73.1	19
20	87.9	86.1	82.8	74.5	276	89.1	82.0	43.9	89.6	70.8	84.7	77.2	20
21	87.7	84.9	85.6	75.6	280	115	86.4	48.1	70.2	59.5	86.8	74.3	21
22	86.3	87.2	83.4	75.8	277	73.6	41.6	80.7	75.3	42.6	86.5	83.7	22
23	86.0	84.6	78.7	75.7	246	86.0	38.2	57.8	75.1	46.9	73.5	83.1	23
24	86.8	86.6	74.0	75.0	218	51.7	47.2	81.3	85.7	82.6	89.2	18.5	24
25	87.6	74.8	76.5	75.8	256	51.1	51.8	85.5	86.8	83.4	80.1	11.1	25
26	86.0	86.4	71.3	73.6	290	87.2	47.4	81.1	82.4	86.8	48.3	38.0	26
27	86.3	85.8	48.3	76.2	262	71.4	46.4	86.6	83.0	82.1	83.7	81.6	27
28	86.3	87.5	68.4	76.5	176	71.5	82.0	86.9	80.2	49.4	86.6	72.9	28
29	86.0		79.8	75.8	146	70.8	47.0	86.6	82.4	41.7	73.7	71.7	29
30	85.3		76.8	84.6	207	86.1	48.1	83.0	42.9	45.4	72.5	73.7	30
31	86.0		83.1		180		51.4	80.2		82.8		71.0	31
TOTAL	2 621.4	2 428.3	2 548.5	2 362.7	4 913.6	3 643.8	1 788.4	1 867.8	1 781.8	1 838.5	1 780.6	2 017.8	TOTAL
MEAN	84.6	86.7	82.2	78.8	159	121	57.7	53.5	59.7	49.7	88.7	85.1	MEAN
MAX	88.8	88.8	88.4	85.6	290	190	78.4	74.8	78.5	70.8	73.7	77.2	MAX
MIN	88.5	74.8	71.3	73.8	74.7	51.1	38.2	18.5	19.3	38.7	30.8	11.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 79.7
MAXIMUM DAILY, 290 ON MAY 26
MINIMUM DAILY, 11.1 ON DEC 25

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 54 05 N
LONG 84 42 35 W
DRAINAGE AREA, 5 130 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	226 000	JUL	155 000
FEB	210 000	AUG	143 000
MAR	220 000	SEP	185 000
APR	204 000	OCT	133 000
MAY	425 000	NOV	185 000
JUN	316 000	DEC	174 000

TOTAL DISCHARGE, 2 520 000 dam³

DATA CONTRIBUTED BY -
GREAT LAKES POWER COMPANY LIMITED

REGULATED SINCE 1928

REMARKS - RECORDS PRIOR TO JAN 01 1980 PUBLISHED AS "MICHIPICOTEN RIVER BELOW SCOTT FALLS"

MIDDLE MAITLAND RIVER ABOVE ETHEL - STATION NO. 02FE013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.00B	22.5	0.6358	13.4	1.21	5.06	0.470	0.103	0.177	0.147	0.396	5.92	1
2	4.80B	13.1	0.6228	10.2	1.14	4.88	0.428	0.100	0.276	0.186	0.412	4.37	2
3	4.05B	8.80 B	0.5408	15.3	1.08	2.99	0.383	0.087	0.201	0.177	0.416	3.40 B	3
4	3.42B	5.55 B	0.5388	24.8	1.00	2.75	0.348	0.403	0.142	0.176	0.457	3.70 B	4
5	3.20B	4.10 B	0.4828	20.8	1.02	2.80	0.343	0.874	0.133	0.177	0.448	3.35 B	5
6	2.80B	2.80 B	0.4808	17.7	1.77	1.84	0.333	0.349	0.139	0.216	0.555	2.00 B	6
7	1.87B	1.72 B	0.5408	14.4	1.45	1.26	0.310	0.217	0.151	0.231	0.787	1.75 B	7
8	22.8	1.35 B	0.5808	10.6	1.54	0.995	0.274	0.161	0.165	0.226	1.10	1.57 B	8
9	31.8	1.10 B	0.5818	8.18	1.53	1.03	0.242	0.133	0.174	0.221	1.19	1.41 B	9
10	18.5	1.00 B	0.5458	6.55	1.36	6.99	0.231	0.126	0.172	0.343	1.46	1.29 B	10
11	11.5	0.8908	0.7388	6.29	1.18	3.56	0.184	0.118	0.160	0.788	1.13	1.17 B	11
12	8.30B	1.05 B	1.00 B	8.83	1.50	1.73	0.180	0.143	0.137	0.723	1.00	1.08 B	12
13	8.40B	1.07 B	1.50 B	8.08	3.41	1.19	0.202	0.578	0.143	0.487	0.884	0.9808	13
14	6.70B	1.06 B	5.00 B	11.0	2.82	0.958	0.208	0.309	0.128	0.362	0.920	0.9308	14
15	4.00B	1.13 B	32.6 B	27.7	2.38	0.777	0.204	0.217	0.133	0.330	8.61	0.8898	15
16	3.30B	1.11 B	37.6	29.1	2.05	0.780	0.197	0.177	0.145	0.304	18.4	0.8408	16
17	3.00B	0.9808	15.2 B	15.5	1.55	0.723	0.180	0.137	0.200	0.301	13.2	0.8008	17
18	2.71B	0.8608	9.20 B	13.2	1.24	0.648	0.170	0.125	0.270	0.364	7.63	0.7608	18
19	2.93B	0.8358	6.75 B	9.71	1.04	0.618	0.155	0.123	0.148	0.378	5.50	0.7208	19
20	2.72B	0.8408	4.25 B	6.80	0.960	1.83	0.140	0.129	0.133	0.420	7.49	0.6808	20
21	2.21B	0.8458	3.07 B	5.21	1.06	11.1	0.148	0.132	0.143	0.506	15.8	0.6608	21
22	2.03B	0.8208	2.83 B	4.14	0.861	5.15	0.195	0.138	0.165	0.591	8.58	0.9308	22
23	2.04B	0.7358	2.65 B	3.30	0.817	3.17	0.183	0.132	1.10	0.602	5.72	0.6108	23
24	2.60B	0.8508	3.05 B	2.78	0.717	1.82	0.173	0.121	0.543	0.524	4.18	0.5908	24
25	2.95B	0.8018	19.1	2.43	0.703	1.29	0.156	0.104	0.308	0.476	3.48	0.5708	25
26	8.56	0.8108	41.4	2.20	1.06	1.01	0.152	0.092	0.214	0.454	3.67	0.5558	26
27	13.4	0.8208	35.8	1.82	1.20	0.858	0.138	0.088	0.178	0.399	4.82	0.5408	27
28	7.69	0.6358	40.4	1.58	0.877	0.733	0.173	0.082	0.157	0.406	22.1	0.5208	28
29	5.77		52.1	1.35	0.702	0.614	0.207	0.100	0.153	0.463	19.5	0.5008	29
30	15.4		35.3	1.35	1.36	0.536	0.143	0.146	0.157	0.398	8.36	0.4908	30
31	16.8		19.1		2.89		0.114	0.182		0.393		0.6188	31
TOTAL	238.45	77.281	373.088	306.28	43.897	58.484	5.969	5.004	5.411	11.785	187.500	42.120	TOTAL
MEAN	7.69	2.76	12.0	10.2	1.41	2.28	0.225	0.194	0.214	0.380	8.58	1.36	MEAN
MAX	31.8	22.5	52.1	29.1	3.41	11.1	0.470	0.974	1.10	0.798	22.1	5.92	MAX
MIN	1.87	0.801	0.480	1.35	0.702	0.530	0.114	0.082	0.128	0.147	0.396	0.480	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.88
MAXIMUM DAILY, 52.1 ON MAR 29
MINIMUM DAILY, 0.082 ON AUG 28
MAXIMUM INSTANTANEOUS,
58.4 AT 15:48 EST ON MAR 29

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 43 05 N
LONG 81 07 28 W
DRAINAGE AREA, 416 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20 800	JUL	802
FEB	8 580	AUG	518
MAR	32 200	SEP	554
APR	26 500	OCT	1 020
MAY	3 780	NOV	14 500
JUN	5 930	DEC	3 640

TOTAL DISCHARGE, 117 000 dam³

MIDDLE MAITLAND RIVER NEAR BELGRAVE - STATION NO. 02FE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.2 B	33.3	1.788	23.2	2.86	8.12	1.47	0.232	0.403	0.387	0.588	12.2	1
2	7.808	27.4	1.758	17.0	2.44	7.87	1.38	0.224	0.385	0.385	0.877	8.84	2
3	5.458	14.9	1.648	18.4	2.31	5.78	1.18	0.236	0.337	0.342	0.788	6.418	3
4	4.008	8.858	1.568	34.4	2.18	4.82	1.07	0.401	0.383	0.327	0.712	5.108	4
5	4.458	6.208	1.518	33.3	2.11	4.39	1.30	0.674	0.383	0.326	0.720	4.288	5
6	5.408	4.388	1.508	28.2	2.80	3.82	0.704	1.38	0.300	0.340	0.814	3.798	6
7	5.808	3.458	1.578	21.8	3.13	2.93	0.643	0.780	0.283	0.349	0.886	3.458	7
8	24.8 B	2.888	1.838	16.8	2.89	3.28	0.881	0.581	0.278	0.398	1.34	3.238	8
9	80.0	2.508	1.678	13.2	2.56	2.15	0.724	0.448	0.346	0.384	2.13	3.058	9
10	31.8	2.338	1.808	11.1	2.88	13.8	0.675	0.379	0.331	0.483	2.22	2.908	10
11	18.4 B	2.308	1.858	9.89	2.44	11.8	0.885	0.327	0.328	0.777	2.35	2.718	11
12	13.4 B	2.388	3.158	13.4	2.54	5.65	0.581	0.288	0.310	1.18	1.89	2.818	12
13	15.2 B	2.428	7.408	14.5	4.10	3.83	0.844	0.273	0.281	1.18	1.79	2.488	13
14	10.7 B	2.488	11.8 B	15.4	5.02	2.86	0.825	0.435	0.284	0.923	1.83	2.348	14
15	8.208	2.548	26.8 B	34.7	3.89	2.83	0.614	0.715	0.287	0.730	3.88	2.238	15
16	8.758	2.488	27.2 B	48.5	1.81	7.84	0.488	0.571	0.274	1.85	28.8	2.138	16
17	8.708	2.328	24.8	27.5	2.84	4.78	0.483	0.413	0.481	1.03	27.9	2.078	17
18	8.358	2.088	14.0 B	21.0	2.56	3.48	0.448	0.325	0.464	1.13	15.0	2.008	18
19	8.108	2.038	11.7 B	18.5	2.18	2.86	0.428	0.282	0.384	0.844	10.8	1.918	19
20	8.858	2.088	8.708	12.5	2.03	3.82	0.420	0.288	0.421	0.870	11.8	1.838	20
21	3.408	2.128	7.108	8.87	2.23	28.8	0.400	0.270	0.347	0.728	28.1	1.778	21
22	4.008	2.108	8.108	7.52	2.26	17.7	0.388	0.287	0.317	0.600	20.8	1.718	22
23	4.508	1.958	8.488	8.09	1.82	10.1	0.334	0.284	0.444	0.882	12.0	1.888	23
24	4.808	1.858	8.268	8.07	1.63	8.98	0.305	0.274	1.23	0.805	8.40	1.588	24
25	5.458	1.758	24.2	4.88	1.83	4.82	0.293	0.284	0.988	0.830	8.88	1.858	25
26	8.058	1.688	58.8	4.17	1.70	3.57	0.284	0.239	0.701	0.789	8.62	1.488	26
27	17.3 B	1.898	80.8	3.88	2.03	2.88	0.289	0.231	0.548	0.728	8.11	1.448	27
28	13.8 B	1.728	85.4	3.44	2.08	2.42	0.261	0.233	0.469	0.588	33.0 A	1.408	28
29	13.3 B		79.9	3.04	1.81	1.98	0.268	0.263	0.414	0.532	43.5	1.378	29
30	20.7		63.5	2.72	1.88	1.86	0.262	0.290	0.368	0.853	20.8	1.388	30
31	26.8		33.9		3.73		0.252	0.252		0.849		3.788	31
TOTAL	388.28	143.74	575.76	478.32	77.28	178.78	18.375	12.218	12.885	22.252	303.274	84.80	TOTAL
MEAN	11.9	5.13	18.8	15.9	2.49	5.99	0.593	0.384	0.422	0.718	10.1	3.06	MEAN
MAX	80.0	33.3	79.9	48.5	5.02	28.8	1.47	1.38	1.23	1.85	43.5	12.2	MAX
MIN	3.40	1.68	1.50	2.72	1.63	1.86	0.252	0.224	0.284	0.327	0.588	1.38	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.28
MAXIMUM DAILY, 79.9 ON MAR 29
MINIMUM DAILY, 0.224 ON AUG 2
MAXIMUM INSTANTANEOUS,
82.7 AT 19:18 EST ON MAR 29

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 48 48 N
LONG 81 18 25 W
DRAINAGE AREA, 848 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	31 800	JUL	1 590
FEB	12 400	AUG	1 060
MAR	49 700	SEP	1 090
APR	41 300	OCT	1 920
MAY	6 880	NOV	26 200
JUN	15 800	DEC	8 170

TOTAL DISCHARGE, 187 000 dam³

MIDDLE MAITLAND RIVER NEAR LISTOWEL - STATION NO. 02FE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.888	4.05	0.125	2.05	0.283	0.784	0.024	0.008	0.078	0.017	0.039	0.748	1
2	0.781	1.52	0.108	1.81	0.243	0.548	0.023	0.018	0.020	0.033	0.073	0.5708	2
3	0.583	1.20	0.107	3.15	0.224	0.420	0.021	0.008	0.013	0.032	0.044	0.4858	3
4	0.4858	0.783	0.097	4.28	0.197	0.585	0.032	0.482	0.013	0.030	0.030	0.3838	4
5	0.3988	0.620	0.097	3.19	0.243	0.465	0.035	0.055	0.020	0.027	0.031	0.3328	5
6	0.318	0.503	0.106	2.88	0.381	0.326	0.035	0.037	0.024	0.026	0.111	0.2898	6
7	0.301A	0.3708	0.118	2.48	0.307	0.238	0.034	0.018	0.023	0.013	0.140	0.2628	7
8	5.48 A	0.2688	0.117	1.81	0.380	0.182	0.026	0.012	0.020	0.012	0.117	0.2308	8
9	3.58	0.2228	0.109	1.50	0.354	0.237	0.022	0.010	0.018	0.010	0.192	0.2108	9
10	2.08	0.200	0.118	1.27	0.304	0.248	0.028	0.010	0.014	0.188	0.048	0.2008	10
11	1.21 A	0.188	0.148	1.12	0.274	0.231	0.028	0.010	0.018	0.083	0.105	0.1808	11
12	1.38	0.212	0.218	1.30	0.508	0.173	0.024	0.015	0.013	0.074	0.087	0.1708	12
13	1.85	0.214	0.288A	1.45 A	0.803	0.153	0.020	0.015	0.021	0.052	0.077	0.1558	13
14	0.929	0.214	1.50 E	1.85	0.574	0.140	0.017	0.020	0.018	0.030	0.176	0.1408	14
15	0.892	0.227	13.5	5.32	0.588	0.120	0.007	0.021	0.011	0.025	0.827	0.1288	15
16	0.588	0.222	3.88	4.03	0.510	0.128	0.007	0.024	0.025	0.035	2.21	0.1268	16
17	0.502	0.201	1.87 E	2.58	0.378	0.102	0.007	0.020	0.072	0.070	1.28	0.1208	17
18	0.451	0.1748	1.18	2.27	0.298	0.082	0.007	0.018	0.008	0.081	0.738	0.1158	18
19	0.488	0.167	0.833	1.81	0.238	0.158	0.007	0.010	0.022	0.054	0.554	0.1108	19
20	0.4858	0.188	0.747	1.18	0.238	0.148	0.007	0.011	0.021	0.078	1.01	0.1058	20
21	0.3598	0.170	0.618	0.894	0.254	0.107	0.007	0.021	0.020	0.078	1.95	0.1008	21
22	0.327	0.158	0.568	0.696	0.201	0.108	0.007	0.018	0.416	0.068	1.02	0.0978	22
23	0.330	0.150	0.533	0.581	0.178	0.084	0.007	0.018	0.106	0.058	0.641	0.0948	23
24	0.418	0.134	0.618	0.503	0.151	0.080	0.008	0.015	0.048	0.056	0.485	0.0918	24
25	0.448	0.121	5.80	0.474	0.138	0.084	0.008	0.021	0.033	0.048	0.398	0.0888	25
26	1.92	0.122	8.03	0.418	0.308	0.080	0.008	0.008	0.031	0.048	0.441	0.0858	26
27	1.81	0.126	7.45	0.388	0.218	0.058	0.080	0.008	0.030	0.053	0.771	0.0828	27
28	1.11	0.128	10.8	0.371	0.158	0.048	0.013	0.018	0.027	0.040	4.58	0.0798	28
29	1.83		10.1	0.178	0.131	0.040	0.008	0.035	0.018	0.020	2.42	0.0768	29
30	3.28		4.08	0.288	0.415	0.027	0.007	0.028	0.018	0.040	1.22	0.0758	30
31	2.88		2.88		0.434		0.007	0.020		0.043		0.182	31
TOTAL	37.487	12.853	77.092	51.777	8.883	5.170	0.575	1.028	1.219	1.475	21.818	8.088	TOTAL
MEAN	1.21	0.458	2.49	1.73	0.322	0.206	0.018	0.033	0.041	0.048	0.727	0.195	MEAN
MAX	5.48	4.05	13.5	5.32	0.803	0.784	0.080	0.482	0.416	0.159	4.58	0.748	MAX
MIN	0.301	0.121	0.097	0.178	0.131	0.027	0.008	0.008	0.008	0.010	0.030	0.075	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.623
MAXIMUM DAILY, 13.5 ON MAR 15
MINIMUM DAILY, 0.008 ON JUL 28
MAXIMUM INSTANTANEOUS,
20.1 AT 07:35 EST ON MAR 15

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 43 38 N
LONG 80 58 20 W
DRAINAGE AREA, 77.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 240	JUL	69.7
FEB	1 110	AUG	88.8
MAR	6 660	SEP	105
APR	4 470	OCT	127
MAY	853	NOV	1 890
JUN	533	DEC	824

TOTAL DISCHARGE, 19 700 dam³

MIDDLE SEVERN RIVER AT WASHAGO - STATION NO. 02EC013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.84E	5.84	5.69	4.89E	1.30	4.43	15.5 E	2.07	1.40	0.740E	0.845	16.8E	1
2	5.84E	5.84	5.69	5.11E	1.30	4.34	3.48E	2.10	1.45 E	0.740	0.845	17.7E	2
3	5.84	5.69	5.69	5.22	1.30	4.34	3.48E	2.16	1.50 E	0.285	0.360	17.7E	3
4	5.84	5.77E	5.69E	5.40	1.65	4.34E	3.48	2.16	1.84 E	0.200E	0.423E	20.9	4
5	5.84	5.88E	5.89E	5.57	1.87	4.34	3.40	2.11E	1.89	0.200E	0.447E	23.1	5
6	5.69	5.84	5.84	5.74	1.88E	4.83	3.30	2.07E	1.40	0.380	0.850	23.2	6
7	5.77E	5.84	5.89	5.89	1.63E	4.43	3.21	2.02E	1.31	0.320E	0.380	23.1	7
8	5.88E	5.84	5.89	6.18E	1.21	4.34	3.24E	1.87	1.40	0.280E	0.200E	23.1	8
9	5.84	5.88	5.89	6.20E	2.06	4.34	3.27E	2.07	1.34 E	0.240E	0.850	23.0E	9
10	5.89	5.89	5.89	6.26	1.87	4.40E	3.30	2.07	1.27 E	0.200E	0.455	23.0E	10
11	5.94	5.89E	5.89E	6.43	1.59	4.48E	2.83	1.87	1.21	0.360	0.455E	22.9	11
12	6.14	5.89E	5.89E	3.73	1.87	4.51	2.74	1.87E	1.21	0.835	0.455E	22.9	12
13	5.94	5.89	3.88	1.02	2.12E	4.34	2.84	1.87E	1.12	0.285	0.455E	23.1	13
14	5.02E	5.89	1.56	1.11	2.38E	4.24	2.84	1.87E	0.930	0.285	0.455	23.1	14
15	6.11E	5.84	1.77	1.17E	2.83	4.34	2.81E	1.87	0.930	0.360	0.455	23.1	15
16	6.19	5.89	1.77	1.24E	2.54	4.34	2.57E	2.07	0.835	0.485	0.740	23.1E	16
17	6.19	5.89	1.77	1.30	2.35	4.43E	2.54	1.78	0.740	0.200E	1.60	23.1E	17
18	5.84	5.89E	2.12E	1.21	2.26	4.63E	2.73	1.78	0.740	0.200E	1.34 E	23.1	18
19	5.84	5.88E	2.48E	1.21	2.26	4.82	2.84	1.81E	0.740	0.200E	1.18 E	23.1	19
20	5.84	5.89	2.81	1.40	2.25E	4.81	2.45	1.88E	0.845	0.200E	5.31	23.1	20
21	5.94E	5.71	2.84	1.30	2.25E	4.81	2.45	1.88	0.835	0.253E	8.38	23.1	21
22	5.94E	5.89	2.84	1.30E	8.11E	11.7	2.42E	1.89	0.835	0.307E	12.7	22.9	22
23	5.84	5.89	2.84	1.30E	12.3	14.9 E	2.38E	1.89	0.788E	0.360	14.9	22.9E	23
24	5.84	5.89	2.75E	1.30	14.5	12.5 E	2.35	1.40	0.740	0.485	15.5	22.8E	24
25	5.89	5.89E	2.66E	1.30	16.0	14.4 E	2.35	1.31	0.835	0.485	15.3 E	22.8E	25
26	5.84	5.69E	2.68	1.30	15.0	23.6	2.35	1.34E	0.835	0.485	14.9 E	22.7E	26
27	5.84	5.69	3.24E	1.30	15.9 E	29.8	2.36	1.37E	0.845	0.485	14.8	22.7	27
28	5.84E	5.69	3.50	1.21	16.8 E	26.2	2.16	1.40	0.835	0.487E	14.8	22.7	28
29	5.84E		4.02	1.24E	16.7	27.5	2.16E	1.21	0.740	0.518E	14.9	22.8	29
30	5.84		4.71	1.27E	16.0	27.5	2.18E	1.36	0.740E	0.550	15.3	22.8	30
31	5.84		4.88		9.04		2.16	1.21		0.540		22.8	31
TOTAL	184.09	161.09	123.07	89.37	178.47	283.55	87.28	58.70	31.128	11.720	186.800	892.3	TOTAL
MEAN	5.94	5.75	3.97	2.98	5.76	9.45	3.14	1.80	1.04	0.378	5.26	22.3	MEAN
MAX	6.19	5.84	5.89	6.43	16.0	29.8	15.5	2.16	1.89	0.835	15.5	23.2	MAX
MIN	5.69	5.69	1.56	1.02	1.21	4.24	2.16	1.21	0.845	0.200	0.200	16.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.85
MAXIMUM DAILY, 29.8 ON JUN 27
MINIMUM DAILY, 0.200E ON OCT 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 44 55 N
LONG 79 19 57 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 800	JUL	8 400
FEB	13 800	AUG	4 810
MAR	10 800	SEP	2 880
APR	7 720	OCT	1 010
MAY	15 600	NOV	13 700
JUN	24 600	DEC	58 800

TOTAL DISCHARGE, 178 000 dam³

MIDDLE THAMES RIVER AT THAMESFORD - STATION NO. 02GD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.17	7.00	0.700B	5.56	1.60	2.80	0.879	0.247	0.378	0.280	0.473	1.59	1
2	2.69	4.40 B	0.680B	4.39	1.52	2.67	0.845	0.218	0.482	0.307	0.467	1.22 B	2
3	2.05B	2.30 B	0.680B	4.52	1.40	2.62	0.582	0.205	0.323	0.328	0.838	1.00 B	3
4	1.80B	1.70 B	0.730B	14.8	1.29	2.22	0.546	0.226	0.284	0.315	0.815	0.840B	4
5	1.80B	1.60 B	0.780B	12.4	1.48	1.74	0.588	0.289	0.259	0.308	0.823	0.780B	5
6	1.70B	1.34 B	0.730B	10.3	1.55	1.38	0.608	0.261	0.283	0.328	0.648	0.720B	6
7	1.85B	1.22 B	0.680B	7.54	1.39	1.23	0.489	0.218	0.315	0.388	0.875	0.680B	7
8	15.5 B	1.15 B	0.680B	5.42	1.46	1.24	0.441	0.210	0.329	0.414	1.49	0.640B	8
9	13.7	1.10 B	0.660B	4.33	1.37	1.11	0.415	0.218	0.322	0.381	1.21	0.620B	9
10	5.21B	1.05 B	1.40 B	3.85	1.28	1.20	0.377	0.210	0.287	0.884	1.08	0.600B	10
11	3.05B	1.00 B	4.90 B	3.49	1.28	1.37	0.373	0.205	0.275	1.07	0.878	0.580B	11
12	3.82B	0.880B	9.00 B	4.28	1.48	1.11	0.348	0.222	0.259	0.780	0.771	0.560B	12
13	4.65B	0.966B	3.80 B	6.33	1.72	0.887	0.337	0.382	0.243	0.645	0.718	0.540B	13
14	2.60B	1.20 B	2.80 B	5.67	1.56	0.874	0.284	0.442	0.262	0.480	0.708	0.520B	14
15	2.00B	1.70 B	6.27	8.32	1.39	0.928	0.340	0.267	0.321	0.434	2.10	0.500B	15
16	1.70B	1.25 B	3.31	5.85	1.34	0.873	0.307	0.582	0.341	0.433	8.12	0.488B	16
17	1.50B	1.04 B	2.18	4.50	1.20	1.26	0.275	0.481	0.380	0.477	4.83	0.468B	17
18	1.60B	0.880B	12.7	8.23	1.11	1.57	0.238	0.325	0.379	0.582	2.57	0.464B	18
19	1.90B	0.840B	12.9	4.88	1.04	1.20	0.247	0.272	0.328	0.541	1.84	0.463B	19
20	1.65B	0.880B	7.23	3.63	1.12	1.27	1.01	0.302	0.295	0.520	1.58	0.462B	20
21	1.42B	0.870B	3.87	2.88	1.67	1.21	0.818	0.408	0.291	0.784	2.11	0.484B	21
22	1.38B	0.840B	2.87	2.55	1.29	3.48	0.627	0.333	0.303	0.691	1.73	0.447B	22
23	1.38B	0.800B	4.37	2.19	1.14	3.79	0.484	0.316	0.309	0.748	1.37 B	0.443B	23
24	1.34B	0.760B	8.38	1.86	1.25	2.33	0.354	0.279	0.294	0.814	1.16 B	0.438B	24
25	1.40B	0.780B	9.00	1.84	1.29	3.08	0.352	0.239	0.298	0.800	1.19	0.436B	25
26	9.00B	0.750B	9.61	1.80	1.85	1.91	0.370	0.238	0.306	0.888	1.11	0.432B	26
27	8.00B	0.740B	8.08	1.69	1.85	1.32	0.363	0.210	0.288	0.868	1.11	0.429B	27
28	2.85B	0.730B	11.3	1.72	1.34	1.04	0.521	0.198	0.288	0.820	2.22	0.428B	28
29	4.20B		16.7	1.60	1.12	0.888	0.357	0.277	0.282	0.514	2.93	0.423B	29
30	8.80B		12.2	1.69	1.48	0.748	0.310	0.278	0.283	0.488	2.08 B	0.420B	30
31	8.05		7.87		3.58		0.275	0.238		0.488		0.600B	31
TOTAL	117.24	38.878	188.920	148.32	48.84	50.377	13.788	8.752	9.298	18.328	51.040	18.841	TOTAL
MEAN	3.78	1.43	6.38	4.98	1.47	1.68	0.448	0.282	0.310	0.827	1.70	0.601	MEAN
MAX	15.5	7.00	16.7	14.8	3.58	3.86	1.01	0.582	0.482	1.07	8.12	1.59	MAX
MIN	1.34	0.730	0.880	1.60	1.04	0.748	0.238	0.198	0.263	0.280	0.473	0.420	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.68
MAXIMUM DAILY, 16.7 ON MAR 28
MINIMUM DAILY, 0.198 ON AUG 26
MAXIMUM INSTANTANEOUS,
31.0 AT 18:46 EST ON MAR 16

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 03 32 N
LONG 80 59 18 W
DRAINAGE AREA, 308 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 100	JUL	1 190
FEB	3 480	AUG	756
MAR	14 400	SEP	803
APR	12 800	OCT	1 410
MAY	3 940	NOV	4 410
JUN	4 380	DEC	1 810

TOTAL DISCHARGE, 59 300 dam³

MILLHAVEN CREEK NEAR MILLHAVEN - STATION NO. 02HM005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.610B	2.85 B	0.730B	7.40	0.828	0.873	0.275	0.242	0.188	0.070	0.281	2.95 B	1
2	0.774B	2.85 B	0.700B	6.82	1.20	0.852	0.230	0.243	0.178	0.138	0.212	2.70 B	2
3	0.736B	2.20 B	0.670B	7.02	1.15	0.780	0.188	0.242	0.127	0.203	0.226	2.58 B	3
4	0.702B	1.90 B	0.650B	8.41	1.18	0.784	0.173	0.272	0.121	0.381	0.243	2.43 B	4
5	0.668B	1.90 B	0.900B	8.32	1.29	0.808	0.228	0.248	0.117	0.413	0.210	2.31 B	5
6	0.857B	1.47 B	0.665B	7.77	1.52	0.828	0.327	0.178	0.108	0.412	0.347	2.15 B	6
7	0.846B	1.35 B	0.630B	7.54	3.02	0.806	0.315	0.158	0.108	0.382	0.811	2.02 B	7
8	1.70 B	1.25 B	0.785B	7.11	3.84	0.481	0.341	0.152	0.120	0.383	1.81	1.81 B	8
9	1.50 B	1.18 B	0.780B	8.58	3.70	0.468	0.278	0.150	0.111	0.391	1.89	1.83 B	9
10	1.32 B	1.14 B	0.728B	5.90	3.88	0.700	0.235	0.148	0.110	0.437	2.01	1.84 B	10
11	1.15 B	1.10 B	0.690B	4.80	4.16	0.807	0.230	0.142	0.101	0.689	1.63	1.33 B	11
12	1.08 B	1.06 B	0.655B	2.58	3.89	0.809	0.231	0.142	0.105	0.603	1.71	1.08 B	12
13	1.02 B	1.03 B	0.620B	1.26	4.14	0.586	0.218	0.151	0.097	0.385	1.64	0.976B	13
14	0.985B	0.985B	0.750B	0.809	4.24	0.570	0.213	0.138	0.088	0.425	1.73	0.870B	14
15	0.900B	0.950B	8.01 B	0.672	4.18	0.492	0.165	0.134	0.138	0.348	3.68	0.780B	15
16	0.830B	0.915B	6.34 B	0.814	4.19	0.507	0.083	0.137	0.117	0.318	4.27	0.723B	16
17	0.785B	0.885B	5.40 B	0.787	4.01	0.780	0.084	0.128	0.137	0.333	4.08	0.687B	17
18	0.780B	0.850B	4.80 B	0.808	3.67	0.848	0.088	0.118	0.113	0.418	5.38	0.650B	18
19	0.790B	0.858B	3.80 B	0.834	3.13	0.798	0.184	0.124	0.318	0.423	4.89	0.613B	19
20	0.805B	0.890B	3.80 B	0.851	2.53	1.03	0.267	0.151	0.361	0.782	5.34	0.578B	20
21	0.788B	0.864B	3.20 B	0.928	1.92	1.24	0.276	0.145	0.324	0.583	5.78	0.540B	21
22	0.850B	0.970B	2.85 B	0.954	1.84	1.03	0.282	0.124	0.324	0.448	4.05 B	0.532B	22
23	0.840B	0.936B	2.60 B	0.836	1.60	0.898	0.309	0.127	0.364	0.387	3.97 B	0.524B	23
24	0.830B	0.900B	2.65 B	0.749	1.34	0.800	0.276	0.118	0.371	0.354	3.86 B	0.518B	24
25	0.820B	0.865B	2.55 B	0.882	1.07	0.730	0.271	0.114	0.380	0.336	3.82 B	0.504B	25
26	0.860B	0.830B	8.00 B	0.885	1.04	0.658	0.258	0.113	0.172	0.338	3.59	0.500B	26
27	1.35 B	0.795B	8.86 B	0.848	0.942	0.459	0.282	0.110	0.118	0.307	3.61	0.488B	27
28	1.80 B	0.760B	7.61	0.887	0.801	0.382	0.281	0.111	0.106	0.306	3.40 B	0.480B	28
29	1.80 B		8.81	0.670	0.828	0.450	0.256	0.108	0.084	0.311	3.66 B	0.498B	29
30	2.25 B		8.23	0.700	0.577	0.368	0.263	0.119	0.081	0.288	3.24 B	0.480B	30
31	2.48 B		7.94		0.758		0.284	0.104		0.265		0.524B	31
TOTAL	32.868	34.028	101.800	94.382	71.748	20.011	7.342	4.882	5.144	11.756	81.219	38.988	TOTAL
MEAN	1.06	1.22	3.28	3.15	2.31	0.667	0.237	0.151	0.171	0.378	2.71	1.15	MEAN
MAX	2.48	2.85	8.81	8.41	4.24	1.24	0.341	0.272	0.371	0.782	5.78	2.95	MAX
MIN	0.668	0.760	0.620	0.809	0.577	0.368	0.083	0.104	0.081	0.070	0.210	0.480	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.37
MAXIMUM DAILY, 8.81 ON MAR 28
MINIMUM DAILY, 0.070 ON OCT 1
MAXIMUM INSTANTANEOUS,
8.28 AT 05:10 EST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 13 34 N
LONG 78 45 30 W
DRAINAGE AREA, 150 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 840	JUL	834
FEB	2 840	AUG	405
MAR	8 780	SEP	444
APR	8 180	OCT	1 020
MAY	6 200	NOV	7 020
JUN	1 730	DEC	3 110

TOTAL DISCHARGE, 43 300 dam³

MIMICO CREEK AT ISLINGTON - STATION NO. 02HC033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.117	0.417	0.248B	0.328	0.196	2.43	0.156	0.218	1.13	0.076	0.585	0.227	1
2	0.133	0.283	0.230B	0.280	1.57	5.84	0.142	0.248	0.804	0.203	0.282	0.170B	2
3	0.140	0.181	0.200B	1.88	0.419	0.575	0.189	0.233	0.147	0.175	0.205	0.180B	3
4	0.120B	0.180B	0.238B	1.87	0.291	1.26	0.186	3.81	0.105	0.102	0.151	0.143B	4
5	0.200B	0.200B	0.220B	0.787	0.939	0.481	0.211	1.73	0.111	0.084	0.145	0.160B	5
6	0.260B	0.227	0.190B	0.701	0.442	0.342	0.214	0.337	0.148	0.118	0.751	0.178B	6
7	0.480B	0.245	0.180B	0.783	0.827	0.518	0.237	0.228	0.533	0.092	3.76	0.170B	7
8	3.75 B	0.190B	0.170B	0.412	0.580	0.583	0.194	0.228	0.601	0.060	1.31	0.158B	8
9	0.459	0.162B	0.162B	0.400	0.276	0.395	0.143	0.222	0.202	0.062	1.30	0.130B	9
10	0.820	0.178B	0.150B	0.374	0.236	0.598	0.194	0.325	0.132	1.72	0.431	0.110B	10
11	0.319	0.172B	0.270B	0.318	0.831	0.228	0.218	0.218	0.112	1.08	0.391	0.100B	11
12	0.514	0.170B	0.210B	0.324	3.88	0.178	0.209	0.547	0.120	0.348	0.374	0.096B	12
13	0.477	0.298B	0.170B	0.886	0.818	0.225	0.218	0.623	0.137	0.423	0.305	0.092B	13
14	0.328	0.884	0.315B	0.333	0.390	0.225	0.210	0.531	0.232	2.17	1.87	0.091B	14
15	0.314	0.316	1.88 B	1.04	0.304	0.221	0.188	1.65	0.362	0.788	8.68	0.088B	15
16	0.240	0.145	0.488	0.348	0.286	0.343	0.161	0.800	0.248	0.541	5.65	0.087B	16
17	0.222	0.133	0.381	0.313	0.254	0.875	0.146	0.297	0.335	1.28	0.641	0.085B	17
18	0.215	0.119B	0.370	0.370	0.240	0.712	0.161	0.218	0.180	0.701	0.605	0.084B	18
19	0.294	0.112B	0.390B	0.267	0.222	0.312	0.168	0.178	0.148	1.08	0.363	0.082B	19
20	0.198	0.144	0.473	0.232	0.898	2.43	0.243	0.572	0.123	8.80	0.767	0.081B	20
21	0.088	1.42	0.884	0.228	0.848	0.599	0.183	0.282	0.108	0.811	0.888	0.078B	21
22	0.182	0.885	0.713	0.195	0.210	4.15	1.08	0.215	4.08	0.384	0.350	0.076B	22
23	0.149	0.350B	1.11	0.155	0.173	0.783	2.93	0.189	2.88	0.228	0.288	0.077B	23
24	0.184	0.320B	1.43	0.159	0.238	0.408	0.303	0.167	0.225	0.219	0.243	0.076B	24
25	0.136	0.300B	3.59	0.208	0.201	0.304	5.01	0.142	0.148	0.178	0.238	0.076B	25
26	4.17	0.280B	1.85	0.185	0.529	0.266	5.67	0.115	0.140	0.172	0.311	0.074B	26
27	0.884	0.350B	0.981	0.171	0.207	0.497	2.13	0.088	0.122	0.169	0.337	0.073B	27
28	0.228	0.300B	1.18	0.158	0.108	0.308	0.620	0.104	0.143	0.141	2.46	0.072B	28
29	0.382		1.07	0.722	0.089	0.219	0.301	0.168	0.117	0.115	0.393	0.071B	29
30	0.843		0.848	0.489	2.58	0.183	0.218	0.184	0.108	0.086	0.292	0.070B	30
31	0.442		0.434		1.73		0.178	0.183		1.82		1.10 B	31
TOTAL	15.868	8.589	20.807	14.805	20.228	28.583	22.805	14.802	13.888	22.274	33.102	4.315	TOTAL
MEAN	0.844	0.307	0.882	0.494	0.852	0.885	0.729	0.477	0.455	0.719	1.10	0.139	MEAN
MAX	4.17	1.42	3.59	1.87	3.88	5.84	5.67	3.81	4.08	8.80	8.68	1.10	MAX
MIN	0.088	0.112	0.150	0.155	0.089	0.183	0.142	0.084	0.108	0.060	0.148	0.070	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.886
MAXIMUM DAILY, 5.80 ON OCT 20
MINIMUM DAILY, 0.060 ON OCT 8
MAXIMUM INSTANTANEOUS,
37.5 AT 17:10 EST ON JUL 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 38 50 N
LONG 79 31 10 W
DRAINAGE AREA, 70.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 480	JUL	1 950
FEB	742	AUG	1 280
MAR	1 770	SEP	1 180
APR	1 280	OCT	1 920
MAY	1 750	NOV	2 880
JUN	2 280	DEC	373

TOTAL DISCHARGE, 18 900 dam³

MISSINAIBI RIVER AT MATTICE - STATION NO. 04LJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	43.5B	27.4B	19.0B	17.0B	530B	268	101	22.5	20.4	15.1	116	78.0B
2	42.5B	27.0B	18.6B	19.5B	545B	245	93.6	22.8	19.5	15.2	137	73.0B
3	42.0B	26.7B	18.3B	21.0B	620B	231	85.3	24.3	18.6	15.3	147	68.5B
4	41.0B	26.4B	17.9B	22.3B	720B	226	78.3	24.7	18.2	14.9	135	64.5B
5	40.0B	26.1B	17.6B	23.5B	861B	215	72.6	26.2	17.8	14.7	123	61.0B
6	39.7B	25.8B	16.7B	25.3B	924	202	67.4	30.4	16.8	14.4	128	58.0B
7	39.4B	25.7B	16.3B	27.3B	911	190	62.1	34.1	16.3	14.2	138	55.0B
8	39.0B	25.4B	15.9B	29.4B	843	178	58.0	41.7	15.9	14.7	144	52.0B
9	38.6B	25.1B	15.5B	31.5B	783	180	55.2	44.6	15.3	15.6	153	50.5B
10	38.2B	24.9B	15.2B	34.0B	691	225	56.6	44.4	15.4	16.3	167	48.0B
11	37.8B	24.6B	15.0B	35.2B	638	280	64.0	42.5	15.2	17.3	177	46.5B
12	37.3B	24.3B	15.0B	36.5B	616	285	74.6	40.2	14.9	17.8	172	44.5B
13	36.5B	24.0B	15.0B	37.2B	626	257	82.2	37.8	14.6	17.6	160	42.5B
14	35.7B	23.7B	15.0B	37.8B	667	220	79.5	35.8	14.0	17.4	147	40.7B
15	35.0B	23.4B	15.0B	38.5B	704	191	72.4	33.9	13.4	17.2	133	39.5B
16	34.3B	23.2B	14.8B	40.0B	709	188	65.1	33.3	13.0	17.1	127 B	38.5B
17	33.7B	23.0B	14.8B	43.0B	686	153	58.4	33.9	12.7	17.0	131 B	37.5B
18	33.2B	22.7B	14.7B	47.3B	647	142	53.4	33.9	12.4	16.6	147 B	36.4B
19	32.5B	22.5B	14.5B	50.8B	590	136	49.3	33.3	12.0	16.3	167 B	35.4B
20	31.8B	22.2B	14.3B	55.3B	531	130	45.0	31.3	11.3	15.8	153 B	34.5B
21	31.4B	21.9B	14.0B	61.3B	574	124	41.8	29.1	11.1	17.7	145 B	33.8B
22	30.9B	21.7B	13.7B	70.4B	593	116	38.6	26.7	11.1	18.5	137 B	32.7B
23	30.4B	21.3B	13.5B	78.4B	580	106	36.1	25.4	11.0	19.4	128 B	32.0B
24	30.1B	21.0B	13.3B	87.1B	566	101	33.9	25.3	11.3	20.6	122 B	31.2B
25	29.6B	20.6B	13.1B	108 B	509	95.5	32.3	25.4	11.2	23.6	118 B	30.4B
26	29.3B	20.2B	13.0B	145 B	534	89.3	30.8	25.2	11.2	34.1	109 B	29.7B
27	28.9B	19.9B	13.1B	220 B	479	88.4	28.6	25.1	11.6	64.3	103 B	29.1B
28	28.5B	19.6B	13.5B	300 B	425	93.6	27.8	24.0	12.6	75.2	97.0B	28.5B
29	28.2B		14.2B	380 B	375	100	26.0	23.0	13.3	89.4	91.0B	28.0B
30	28.0B		14.8B	480 B	331	105	25.0	21.9	14.6	96.2	86.0B	27.5B
31	27.7B		15.4B		295		23.8	21.4		101		27.0B
TOTAL	1 074.9	660.4	471.4	2 612.6	19 477	5 142.9	1 719.7	944.1	426.5	871.1	4 022.0	1 334.2
MEAN	34.7	23.6	15.2	87.1	628	171	55.5	30.5	14.2	28.1	134	43.0
MAX	43.5	27.4	19.0	480	924	285	101	44.6	20.4	101	177	78.0
MIN	27.7	19.6	13.0	17.0	295	86.4	23.8	21.4	11.0	14.2	86.0	27.0

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 108
MAXIMUM DAILY, 924 ON MAY 6
MINIMUM DAILY, 11.0 ON SEP 23
MAXIMUM INSTANTANEOUS,
936 AT 19:53 EST ON MAY 6

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 37 00 N
LONG 83 15 46 W
DRAINAGE AREA, 8 940 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	92 900	JUL	149 000
FEB	57 100	AUG	81 600
MAR	40 700	SEP	36 800
APR	226 000	OCT	75 300
MAY	1 660 000	NOV	348 000
JUN	444 000	DEC	115 000

TOTAL DISCHARGE, 3 380 000 dam³

MISSINAIBI RIVER BELOW WABOOSE RIVER - STATION NO. 04LM001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	92.0B	55.5B	38.5B	30.5B	630B	719	151	44.3	34.2	30.7	205E	150 B
2	90.0B	54.5B	38.0B	32.0B	720B	665	147	49.0	33.2	30.0	221E	145 B
3	87.0B	54.0B	37.5B	34.0B	895	613	139	49.0	31.0	31.2	246A	141 B
4	85.0B	53.5B	37.0B	35.5B	1 150	573	126	54.4	28.9	36.8	263	137 B
5	83.0B	53.0B	36.5B	38.5B	1 600	541	116	58.5	28.2	40.6	287	132 B
6	81.0B	52.5B	35.5B	40.2B	1 770	509	108	63.6	26.4	47.7	272	127 B
7	79.0B	51.5B	35.0B	43.5B	1 870	475	101	71.5	25.5	55.2	280	123 B
8	78.0B	50.5B	34.2B	46.0B	1 850	442	94.5	82.1	24.9	62.1	301	119 B
9	76.0B	50.0B	33.5B	48.0B	1 780	409	90.0	90.1	23.8	68.7	322	114 B
10	75.0B	49.0B	33.0B	52.0B	1 680	391	88.8	95.5	22.8	68.1	340	112 B
11	74.0B	48.5B	32.5B	57.0B	1 600	409	86.8	102	23.7	67.2	364	108 B
12	72.5B	48.0B	32.3B	60.0B	1 530	455	87.9	97.1	24.3	67.4	369	104 B
13	71.5B	47.5B	32.1B	62.5B	1 540	456	95.0	87.9	37.0	65.0	353	101 B
14	70.5B	47.0B	32.0B	65.0B	1 610	418	106	81.0	43.4	63.7	350	98.0B
15	70.0B	46.0B	32.0B	67.0B	1 700	378	112	74.9	41.6	63.1	319	95.0B
16	69.0B	45.5B	31.7B	69.0B	1 710	334	107	68.8	37.9	64.5	307	92.0B
17	68.0B	45.0B	31.3B	72.0B	1 670	289	99.9	63.6	34.0	63.0	187B	89.0B
18	67.0B	44.5B	31.1B	75.0B	1 600	269	92.8	60.1	31.2	60.9	181B	85.0B
19	66.0B	44.0B	30.9B	78.0B	1 490	249	86.5	57.3	28.5	59.6	185B	83.0B
20	65.0B	43.5B	30.5B	85.0B	1 380	230	78.9	56.5	27.2	57.6	207B	80.0B
21	64.0B	43.0B	30.1B	92.0B	1 320	213	74.5	54.4	27.7	61.2	220B	77.5B
22	63.0B	42.5B	30.0B	100 B	1 470	197	68.0	52.3	28.0	68.4	226B	75.0B
23	62.5B	42.0B	29.8B	110 B	1 550	180	62.8	47.9	28.6	77.6	219B	73.0B
24	62.0B	41.5B	29.4B	124 B	1 530	171	57.5	44.3	33.6	81.7	203B	70.5B
25	60.5B	41.0B	28.9B	145 B	1 480	160	55.4	40.5	35.3	82.7	192B	68.0B
26	60.0B	40.5B	28.5B	200 B	1 370	152	53.1	37.3	35.8	89.4	182B	66.0B
27	59.0B	40.0B	28.2B	250 B	1 240	146	57.3	38.6	34.9	99.4	173B	64.5B
28	58.0B	39.5B	28.0B	330 B	1 150	140	60.7	35.3	33.4	115 A	166B	63.0B
29	57.5B		28.1B	410 B	1 040	143	55.9	36.6	30.7	138 E	161B	61.0B
30	57.0B		28.7B	550 B	928	146	53.6	36.9	30.7	164 E	154B	59.5B
31	56.0B		29.5B		831		49.4	37.4		182 E		58.0B
TOTAL	2 179.0	1 313.5	994.3	3 402.7	43 695	10 468	2 762.3	1 866.9	926.9	2 262.6	7 467	2 972.0
MEAN	70.3	46.9	32.1	113	1 410	349	89.1	60.2	30.9	73.0	249	95.9
MAX	92.0	55.5	38.5	550	1 870	719	151	102	43.4	182	369	150
MIN	56.0	39.5	28.0	30.5	630	140	49.4	35.3	22.8	30.0	154	58.0

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 220
MAXIMUM DAILY, 1 870 ON MAY 7
MINIMUM DAILY, 22.8 ON SEP 10
MAXIMUM INSTANTANEOUS,
1 890 AT 13:45 EST ON MAY 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 00 N
LONG 82 07 00 W
DRAINAGE AREA, 22 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	188 000	JUL	239 000
FEB	113 000	AUG	161 000
MAR	85 900	SEP	80 100
APR	294 000	OCT	195 000
MAY	3 770 000	NOV	644 000
JUN	904 000	DEC	257 000

TOTAL DISCHARGE, 6 930 000 dam³

MISSISSAGI RIVER AT MISSISSAGI CHUTE - STATION NO. 02CC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	203	174	87.8	190	303	177	171	47.1	48.8	42.8	27.8	49.8	1
2	204	176	80.2	182	304	178	127	48.2	48.8	38.2	18.7	43.7	2
3	173	176	88.0	148	302	173	85.2	48.4	47.1	39.0	25.3	40.8	3
4	188	170	27.7	148	283	117	112	48.8	48.2	36.8	17.8	87.8	4
5	187	174	41.3	190	280	128	108	47.8	48.7	40.7	20.0	47.8	5
6	186	137	74.8	188	258	128	118	51.1	48.4	41.7	23.7	44.4	6
7	195	148	83.8	182	330	128	138	47.8	48.8	37.8	17.2	41.7	7
8	190	141	73.2	128	380	142	118	48.8	47.1	38.3	18.3	83.1	8
9	196	134	88.0	107	351	138	87.7	48.7	88.4	40.8	26.8	82.7	9
10	195	134	113	183	301	132	102	80.8	48.0	38.0	19.6	47.4	10
11	188	110	117	181	287	123	108	85.1	46.1	38.5	25.7	82.3	11
12	178	88.5	83.8	178	248	113	87.8	48.3	42.1	38.8	19.2	85.0	12
13	78.8	103	88.1	178	244	127	80.4	47.4	38.7	37.7	28.8	79.3	13
14	198	114	88.3	189	244	188	83.2	47.4	35.8	38.5	22.8	88.2	14
15	184	108	87.0	188	243	184	76.7	46.2	39.3	40.9	23.8	88.0	15
16	173	117	88.4	148	222	188	88.7	51.3	48.1	41.3	18.4	83.8	16
17	172	127	84.0	107	188	187	49.0	47.2	48.4	38.0	28.8	32.8	17
18	172	112	87.0	184	200	196	88.8	48.3	44.8	38.2	27.8	38.0	18
19	172	84.8	84.8	188	189	195	81.1	45.8	43.4	37.6	18.8	83.7	19
20	178	108	87.2	204	200	208	74.3	44.4	44.1	38.1	20.4	72.2	20
21	188	88.8	73.8	220	235	285	87.1	45.8	45.0	40.1	32.8	88.8	21
22	188	78.2	88.8	251	242	243	88.2	48.4	48.3	38.2	38.1	88.8	22
23	187	85.8	84.8	221	222	240	87.3	48.0	44.8	40.8	37.8	72.8	23
24	188	80.7	118	233	188	243	81.8	47.4	44.8	37.8	88.8	28.7	24
25	184	78.3	85.3	208	187	214	48.8	48.1	48.3	38.2	88.2	33.4	25
26	188	74.3	88.1	214	188	183	48.8	45.8	48.4	38.8	28.4	26.8	26
27	188	83.1	118	304	188	178	82.3	48.4	48.1	38.7	20.2	20.8	27
28	188	87.7	148	203	213	177	48.3	48.4	48.1	38.1	30.2	29.3	28
29	178		183	232	180	181	48.8	48.8	48.8	37.8	48.4	48.8	29
30	174		184	302	188	181	48.4	48.8	48.8	37.0	48.0	27.8	30
31	174		174		184		48.2	48.8		38.3		100	31
TOTAL	5 803.8	3 333.1	2 758.4	5 573	7 817	5 178	2 801.4	1 488.3	1 387.7	1 208.3	842.7	1 817.8	TOTAL
MEAN	181	115	88.8	188	248	173	80.7	48.4	45.3	39.0	28.1	82.2	MEAN
MAX	204	178	174	302	380	288	171	85.1	88.4	42.8	88.8	100	MAX
MIN	78.8	88.8	27.7	107	184	113	48.2	44.4	35.8	35.8	17.2	20.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 107
MAXIMUM DAILY, 380 ON MAY 8
MINIMUM DAILY, 17.2 ON NOV 7
MAXIMUM INSTANTANEOUS,
392 AT 04:10 EST ON MAY 8

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 12 04 N
LONG 83 01 32 W
DRAINAGE AREA, 9 300 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	484 000	JUL	215 000
FEB	279 000	AUG	130 000
MAR	230 000	SEP	117 000
APR	482 000	OCT	104 000
MAY	655 000	NOV	73 800
JUN	447 000	DEC	140 000

TOTAL DISCHARGE, 3 370 000 dam³

MISSISSAGI RIVER AT RAYNER GENERATING STATION - STATION NO. 02CC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	118	135	28.2	137	188	121	84.3	38.2	44.2	38.0	14.5	38.8	1
2	180	138	30.1	88.1	138	133	87.4	15.8	32.0	28.8	12.4	28.8	2
3	136	134	11.7	72.8	177	72.2	80.2	82.8	34.8	38.3	12.7	83.8	3
4	178	138	21.4	87.3	178	81.1	71.8	28.8	28.8	32.8	4.30	25.8	4
5	127	88.8	24.8	108	107	72.8	88.8	0	31.8	38.4	8.10	28.8	5
6	187	88.0	42.0	83.4	188	78.0	111	3.80	45.0	38.8	2.30	11.4	6
7	108	104	88.8	71.1	271	87.8	112	10.3	22.0	23.0	17.8	41.5	7
8	180	118	74.8	80.8	238	88.8	48.3	4.40	57.2	28.7	18.8	81.4	8
9	187	112	88.8	71.7	228	78.0	25.0	4.80	43.8	21.4	1.80	34.3	9
10	114	107	77.3	88.4	215	88.7	113	30.8	1.80	12.3	8.80	38.2	10
11	183	88.1	80.2	80.8	173	84.0	82.0	10.2	27.7	47.0	0.800	44.1	11
12	88.0	41.7	88.8	78.1	173	91.8	87.7	20.8	30.8	32.1	2.80	87.8	12
13	82.0	83.0	84.8	84.8	183	118	82.2	38.4	40.0	38.0	2.30	88.8	13
14	108	88.7	83.3	88.4	174	104	48.7	78.8	28.7	30.8	0.900	38.8	14
15	124	80.8	80.1	84.3	137	108	82.8	8.70	28.2	18.3	0	48.7	15
16	88.2	102	88.7	88.8	128	115	18.2	10.8	18.8	22.3	18.0	38.4	16
17	180	73.8	34.1	84.1	142	182	83.3	13.8	2.70	23.8	8.80	8.10	17
18	118	78.8	30.7	84.8	140	138	43.8	48.8	82.8	38.8	8.20	88.8	18
19	101	88.2	8.30	141	143	182	48.8	12.4	34.8	38.3	0	87.1	19
20	181	84.2	82.1	128	144	188	43.0	8.80	20.8	32.1	80.7	41.8	20
21	121	48.7	84.2	118	178	172	48.7	32.8	27.4	28.1	18.3	82.8	21
22	183	38.8	43.8	88.7	174	207	81.2	13.8	25.8	18.0	28.8	88.1	22
23	88.1	84.2	70.8	88.2	111	178	1.30	0.880	34.2	27.8	28.8	28.0	23
24	173	81.7	87.0	110	118	170	23.8	20.0	38.7	18.2	32.8	24.8	24
25	188	47.8	48.4	84.8	188	107	18.0	18.2	37.2	28.8	8.80	8.70	25
26	138	28.3	82.0	74.8	88.4	181	24.8	4.80	28.8	32.0	18.8	11.8	26
27	183	44.8	100	88.4	201	181	48.3	0	32.3	32.8	28.8	30.3	27
28	118	38.0	108	43.2	128	180	40.2	38.8	32.3	42.1	20.8	24.8	28
29	182		113	147	130	138	32.1	27.8	33.4	28.4	28.2	30.8	28
30	117		102	181	122	127	31.8	30.1	32.8	28.8	33.1	28.8	30
31	148		128		148		33.8	18.8		28.2		88.0	31
TOTAL	4 208.3	2 293.8	1 883.90	2 887.1	4 847.4	3 871.0	1 887.10	882.800	942.30	898.2	424.100	1 181.10	TOTAL
MEAN	138	81.9	80.8	88.2	180	122	83.8	18.8	31.4	28.0	14.1	37.8	MEAN
MAX	181	138	128	181	271	207	113	82.8	87.2	47.0	80.7	88.0	MAX
MIN	88.0	28.3	8.30	43.2	88.4	81.1	1.30	0	1.80	12.3	0	8.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 88.2
MAXIMUM DAILY, 271 ON MAY 7
MINIMUM DAILY, 0 ON AUG 8

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 38 07 N
LONG 83 33 05 W
DRAINAGE AREA, 8 840 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	384 000	JUL	144 000
FEB	198 000	AUG	80 300
MAR	183 000	SEP	81 400
APR	224 000	OCT	77 800
MAY	427 000	NOV	38 800
JUN	317 000	DEC	100 000

TOTAL DISCHARGE, 2 180 000 dam³

MISSISSAGI RIVER AT RED ROCK FALLS - STATION NO. 02CC009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	185	152	53.3	176	286	151	148	35.2	42.8	33.1	13.4	36.8	1
2	178	162	40.1	145	269	157	80.8	40.3	41.4	34.0	16.1	36.4	2
3	188	182	24.8	110	264	132	92.8	40.3	40.3	32.6	16.8	45.5	3
4	180	147	32.9	138	254	80.2	80.0	40.3	40.8	32.6	7.70	45.0	4
5	177	140	34.3	156	240	107	100	44.1	40.5	35.7	16.8	33.0	5
6	178	119	61.8	182	239	108	122	38.1	40.5	32.8	11.5	38.5	6
7	176	111	75.7	139	268	132	128	41.8	40.4	34.2	16.2	41.1	7
8	182	108	82.7	75.8	265	123	77.4	38.2	50.8	34.1	16.2	38.7	8
9	182	114	102	121	328	102	78.1	51.1	48.0	33.4	17.8	36.1	9
10	187	112	86.2	154	298	116	88.3	80.8	40.8	32.8	14.8	38.2	10
11	187	77.4	88.8	145	248	84.2	88.4	42.8	40.1	32.1	14.4	38.8	11
12	115	75.8	83.8	162	240	84.1	75.3	40.7	33.8	32.8	19.7	50.3	12
13	86.3	102	74.8	132	240	132	77.2	42.6	34.9	34.1	20.8	71.3	13
14	86.7	93.8	74.8	127	240	138	87.8	40.3	28.2	34.8	18.8	80.8	14
15	149	93.8	74.1	76.3	240	143	84.8	40.8	38.8	34.4	18.3	48.4	15
16	149	114	87.4	116	192	186	41.0	48.8	40.4	34.2	21.7	28.3	16
17	185	88.8	83.1	131	188	188	41.8	39.8	40.4	33.0	22.3	22.8	17
18	182	71.7	44.8	173	191	186	80.8	40.8	40.3	33.0	16.7	44.7	18
19	182	85.8	24.7	188	188	188	88.8	38.8	40.3	32.2	13.0	58.0	19
20	187	78.3	72.8	218	197	230	81.7	41.0	40.1	34.2	26.3	58.4	20
21	177	74.8	86.8	218	240	284	43.1	40.3	40.2	32.8	28.8	68.0	21
22	187	80.3	77.3	218	240	239	82.3	42.4	40.1	36.3	23.1	42.8	22
23	187	80.8	86.8	218	201	241	42.2	42.8	40.1	33.1	34.8	41.4	23
24	187	86.2	77.2	193	188	238	42.8	38.8	40.1	33.8	87.7	27.1	24
25	184	83.8	86.7	188	188	188	41.8	40.3	42.3	33.0	35.4	16.0	25
26	178	84.8	80.1	188	188	183	44.2	40.8	40.1	32.1	12.7	15.8	26
27	187	84.2	112	188	202	152	41.8	40.8	40.8	33.0	17.7	18.0	27
28	182	88.8	123	186	196	152	41.2	40.8	40.8	33.1	38.8	25.8	28
29	181		138	288	188	180	40.1	41.0	41.1	32.7	38.8	34.0	29
30	183		131	286	172	182	37.8	40.7	41.7	32.2	44.8	41.7	30
31	186		181		181		42.1	39.7		32.2		103	31
TOTAL	5 082.0	2 877.4	2 322.8	5 012.2	7 283	4 880.8	2 077.7	1 293.4	1 207.1	1 035.4	859.80	1 237.0	TOTAL
MEAN	164	95.9	74.9	167	234	158	67.0	41.7	40.2	33.4	22.0	43.1	MEAN
MAX	188	182	181	288	385	284	148	80.8	50.8	36.7	87.7	103	MAX
MIN	86.3	80.3	24.7	76.8	181	84.3	37.8	38.2	28.2	32.1	7.70	16.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 84.8
MAXIMUM DAILY, 385 ON MAY 8
MINIMUM DAILY, 7.70 ON NOV 4

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 18 57 N
LONG 83 17 27 W
DRAINAGE AREA, 9 010 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	439 000	JUL	180 000
FEB	231 000	AUG	112 000
MAR	201 000	SEP	104 000
APR	433 000	OCT	89 500
MAY	628 000	NOV	87 000
JUN	404 000	DEC	118 000

TOTAL DISCHARGE, 2 980 000 dam³

MISSISSAGI RIVER AT ROCKY ISLAND LAKE - STATION NO. 02CB002

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	407.790	402.480	397.770	397.660	403.380	408.040	408.780	408.230	407.580	407.110	406.580	406.780	1
2	407.760	402.280	397.690	397.660	403.680	408.120	408.740	408.210	407.530	407.110	406.580	406.780	2
3	407.710	401.890	397.690	397.640	403.810	408.180	408.720	408.210	407.510	407.100	406.580	406.780	3
4	407.670	401.580	397.910	397.610	404.150	408.250	408.880	408.200	407.480	407.080	406.580	406.780	4
5	407.620	401.260	397.910	397.660	404.310	408.310	408.880	408.200	407.470	407.070	406.580	406.780	5
6	407.270	401.000	397.910	398.100	404.820	408.370	408.830	408.210	407.480	407.070	406.870	406.780	6
7	407.180	400.770	397.910	398.370	404.880	408.430	408.810	408.180	407.440	407.070	406.580	406.780	7
8	407.040	400.570	397.810	398.550	405.080	408.500	408.880	408.160	407.420	407.080	406.580	406.720	8
9	406.910	400.400	397.910	398.740	405.300	408.540	408.880	408.150	407.410	407.050	406.580	406.700	9
10	406.740	400.250	397.910	398.920	405.510	408.580	408.850	408.140	407.400	407.050	406.500	406.880	10
11	406.630	400.120	397.920	399.080	405.700	408.630	408.830	408.130	407.390	407.040	406.810	406.840	11
12	406.520	400.000	397.920	398.180	405.870	408.680	408.800	408.130	407.370	407.030	406.830	406.810	12
13	406.510	399.800	397.920	399.320	406.020	408.700	408.800	408.120	407.360	407.010	406.840	406.840	13
14	406.530	399.380	397.920	399.440	406.160	408.740	408.480	408.110	407.330	407.020	406.840	406.850	14
15	406.540	399.070	397.920	399.550	406.290	408.780	408.490	408.110	407.320	407.020	406.850	406.820	15
16	406.520	398.840	397.920	399.680	406.410	408.820	408.480	408.090	407.300	407.020	406.880	406.480	16
17	406.230	398.650	397.930	399.830	406.520	408.820	408.480	408.090	407.280	407.010	406.880	406.480	17
18	406.970	398.480	397.930	399.990	406.630	408.840	408.470	408.040	407.260	406.970	406.880	406.430	18
19	406.720	398.350	397.930	400.180	406.720	408.850	408.470	407.860	407.260	406.920	406.880	406.390	19
20	406.480	398.230	397.930	400.380	406.840	408.880	408.470	407.820	407.240	406.890	406.700	406.370	20
21	406.280	398.130	397.930	400.580	406.980	408.870	408.470	407.880	407.230	406.770	406.700	406.340	21
22	406.080	398.040	397.930	400.770	407.080	408.870	408.480	407.800	407.220	406.770	406.710	406.320	22
23	404.820	397.960	397.940	400.980	407.210	408.860	408.480	407.780	407.210	406.770	406.710	406.300	23
24	404.470	397.880	397.940	401.210	407.330	408.850	408.480	407.720	407.200	406.780	406.720	406.270	24
25	404.140	397.820	397.940	401.480	407.430	408.850	408.430	407.680	407.180	406.720	406.720	406.260	25
26	403.840	397.770	397.940	401.720	407.530	408.840	408.380	407.650	407.170	406.680	406.720	406.240	26
27	403.580	397.730	397.940	402.080	407.810	408.830	408.380	407.630	407.150	406.670	406.730	406.230	27
28	403.300	397.680	397.940	402.380	407.700	408.800	408.380	407.600	407.130	406.680	406.740	406.210	28
29	403.070		397.920	402.780	407.780	408.770	408.310	407.580	407.130	406.620	406.740	406.200	29
30	402.840		397.910	403.080	407.870	408.780	408.270	407.580	407.120	406.600	406.780	406.180	30
31	402.880		397.900		407.880		408.250	407.580		406.580		406.160	31
MEAN	405.775	399.514	397.918	398.880	406.145	408.844	408.504	407.988	407.318	406.913	406.851	406.488	MEAN
MAX	407.790	402.480	397.940	403.080	407.880	408.870	408.780	408.230	407.580	407.110	406.780	406.780	MAX
MIN	402.880	397.680	397.770	397.610	403.380	408.040	408.250	407.580	407.120	406.580	406.580	406.160	MIN

WATER LEVELS IN METRES

MEAN, 406.182
MAXIMUM DAILY, 408.870 ON JUN 21
MINIMUM DAILY, 397.680 ON FEB 28

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 53 00 N
LONG 83 06 19 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED SINCE 1950

DRAINAGE AREA,
2 160 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MISSISSAGI RIVER BELOW AUBREY FALLS - STATION NO. 02CB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	51.3	97.6	16.4	20.1	31.6	54.9	43.7	3.60	3.40	18.5	12.2	28.2	1
2	78.9	98.1	24.2	24.0	81.7	57.0	18.8	18.8	4.20	24.4	5.50	22.7	2
3	102	102	0	37.5	18.6	85.8	74.2	22.6	13.9	6.90	4.40	33.0	3
4	178	88.2	30.0	27.1	33.1	39.1	58.2	22.1	18.0	18.4	1.20	5.60	4
5	138	88.2	14.8	36.1	87.0	35.8	56.6	3.70	6.00	36.0	0	9.30	5
6	140	88.3	30.8	30.7	73.7	42.2	98.4	3.20	18.0	35.0	2.30	5.70	6
7	89.7	87.4	41.6	2.80	85.8	45.9	85.2	5.70	3.40	14.8	11.0	32.6	7
8	130	102	44.4	6.00	85.8	33.3	18.0	3.20	3.60	2.40	8.50	58.7	8
9	118	71.2	44.2	14.5	87.8	61.2	13.6	3.20	4.80	2.40	0.800	14.8	9
10	112	71.2	42.4	38.8	89.8	32.9	78.5	3.10	18.7	11.8	1.80	35.7	10
11	51.1	72.1	44.8	22.7	38.0	47.1	85.1	10.1	18.9	13.0	0	50.7	11
12	57.3	72.1	36.8	14.8	45.7	44.8	82.0	7.10	29.7	26.8	0	37.0	12
13	72.1	71.7	37.8	8.80	72.3	50.0	44.8	25.3	2.40	15.0	0	39.5	13
14	178	88.8	11.8	15.8	52.9	54.8	32.1	34.7	2.40	14.8	0	38.0	14
15	184	87.8	44.8	14.9	78.2	51.2	10.4	8.20	10.4	13.9	0	34.8	15
16	125	83.1	37.9	14.7	73.9	82.8	3.70	8.80	11.8	24.7	18.9	37.9	16
17	138	80.4	18.4	31.8	83.5	100	72.8	14.7	18.8	16.3	18.8	19.7	17
18	136	87.7	26.7	17.0	86.0	84.2	36.9	28.1	9.30	2.30	3.30	30.6	18
19	136	83.7	0.800	31.3	76.2	84.3	24.2	14.2	12.1	49.8	1.10	37.0	19
20	148	44.0	77.0	33.8	47.8	73.4	24.1	12.8	8.20	23.4	11.0	34.1	20
21	140	33.1	39.8	3.20	38.1	104	8.80	13.7	21.8	0	15.0	50.7	21
22	138	30.1	21.3	0	48.8	90.8	85.3	9.30	8.30	0	18.8	42.8	22
23	136	36.8	41.8	1.80	68.8	108	3.70	2.80	8.80	27.9	23.1	21.3	23
24	141	37.7	12.5	22.1	88.8	124	17.8	12.4	14.1	18.1	17.4	11.4	24
25	149	31.1	34.0	0	77.5	7.90	14.7	8.20	8.30	17.0	4.40	1.80	25
26	87.2	28.3	36.1	0	88.2	108	18.7	2.80	8.70	17.3	0	8.80	26
27	101	31.1	49.4	11.5	38.2	119	28.8	2.80	8.30	23.5	20.4	28.8	27
28	95.5	21.3	52.7	4.50	34.1	84.7	38.7	13.8	18.0	28.9	22.7	28.0	28
29	88.8		52.8	2.00	89.2	102	28.8	2.80	11.5	15.2	18.1	28.8	29
30	103		51.8	2.70	84.4	73.8	22.8	17.1	3.80	15.2	11.2	18.8	30
31	101		38.4		87.8		33.8	8.80		19.8		48.7	31
TOTAL	3 857.7	1 770.3	1 041.100	493.40	1 771.1	2 082.00	1 184.00	345.30	307.10	582.30	248.800	874.80	TOTAL
MEAN	118	63.2	33.8	15.8	57.1	69.4	38.2	11.1	10.2	17.8	8.23	28.2	MEAN
MAX	184	102	77.0	38.8	83.8	124	99.4	34.7	29.7	49.8	23.1	58.7	MAX
MIN	51.1	21.3	0	0	18.8	7.90	3.70	2.80	2.40	0	0	1.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 39.2
MAXIMUM DAILY, 184 ON JAN 15
MINIMUM DAILY, 0 ON MAR 3

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 54 42 N
LONG 83 12 38 W
DRAINAGE AREA, 4 040 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	318 000	JUL	102 000
FEB	153 000	AUG	29 600
MAR	90 000	SEP	26 500
APR	42 600	OCT	47 700
MAY	153 000	NOV	21 300
JUN	177 000	DEC	75 600

TOTAL DISCHARGE, 1 230 000 dam³

MISSISSAGUA RIVER BELOW MISSISSAGUA LAKE - STATION NO. 02HM002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.80	1.02	1.12	1.01	3.51	1.38	5.06	4.28	2.41	2.83	3.76	7.72	1
2	3.58	1.03	1.12	1.08	3.88	1.40	4.82	5.80	2.38	2.86	3.80	7.88	2
3	3.84	1.03	1.12	1.18	3.90	1.40	4.80	5.56	2.38	2.78	3.82	7.88	3
4	3.58	1.04	1.18	1.14	3.88	1.52	4.87	5.38	2.17	2.84	3.78	7.80	4
5	3.47	1.03	1.18	1.27	4.80	1.48	5.24	5.26	2.08	2.84	3.72	7.40	5
6	3.40	1.04	1.18	1.24	5.19	1.47	5.40	5.95	2.00	2.80	3.81	7.32	6
7	3.38E	1.05	1.18	1.14	5.50	1.48	5.13	5.62	1.98	2.42	4.03	7.26	7
8	3.43	1.06	1.17	1.07	5.73	1.48	5.85	5.35	2.38	2.34	4.21	7.13	8
9	3.38	1.06	1.18	1.03	12.2	1.53	5.80	5.08	3.48	2.28	4.33	6.89	9
10	3.38	1.07	1.18	1.02	11.7	1.83	5.37	4.91	3.40	2.21	4.48	6.83	10
11	3.32	1.08	1.17	1.12	11.4	1.93	4.04	4.75	3.26	3.82	4.58	6.74	11
12	3.34	1.08	1.18	1.28	11.2	2.08	2.34	4.58	3.13	5.01	4.89	6.82	12
13	3.28	1.07	1.18	1.50	11.1	2.28	2.27	4.43	3.03	4.80	4.74	6.44	13
14	3.23	1.08	1.15	1.67	11.0 E	3.56	2.21	4.28	2.88	4.67	4.80	6.33E	14
15	3.21	1.07	1.31	1.84	10.7	8.45	2.12	4.18	2.75	4.58	5.38	6.14E	15
16	3.17	1.06	1.31	1.98	10.4	8.43	2.04	4.18	2.67	4.53	6.23	5.98E	16
17	3.20	1.07	1.37	2.16	10.2	8.54	2.01	4.00	2.63	4.43	6.68	5.80E	17
18	3.22	1.07	1.80	2.43	9.28	8.51	2.06	3.78	2.50	4.27	8.78	5.64E	18
19	3.18	1.08	1.48	2.85	8.78	8.40	4.17	3.84	2.41	4.08	7.02	5.48E	19
20	3.17B	1.09	1.61	2.87	8.52	8.38	4.02	3.49	2.33	4.22	7.41	5.35	20
21	3.14	1.10	1.54	3.08	8.38	8.38	3.82	3.40	2.28	4.22	7.83	5.23E	21
22	3.11	1.12	1.64	3.16	8.21	8.37	3.68	3.28	2.82	4.16	7.88	5.07E	22
23	3.08	1.13	1.28	3.29	8.10	8.25	3.55	3.16	3.81	4.08	7.88	4.93E	23
24	3.01	1.13	0.898	3.36	4.49	8.11	3.41	3.03	3.68	4.04	7.87	4.78E	24
25	2.97	1.13	0.807	3.45	2.78	8.04	3.32	2.85	3.63	3.99	7.85	4.66E	25
26	3.03	1.13	0.802	3.54	2.77	8.80	3.34	2.71	3.45	3.92	7.83	4.53E	26
27	2.99	1.12	0.882	3.58	2.73	8.82	3.22	2.81	3.32	3.87	7.81	4.42E	27
28	2.95	1.12	0.858	3.54	2.70	8.86	3.18	2.81	3.18	3.81	7.78	4.30E	28
29	2.88		1.07	3.56	2.67	8.40	2.98	2.44	3.10	3.74	7.76	4.20E	29
30	2.41		1.88	3.61	2.88	8.21	2.83	2.48	3.00	3.88	7.72	4.10E	30
31	1.07		1.18		2.30		2.73	2.38		3.88		4.08E	31
TOTAL	97.73	30.07	38.887	84.74	200.94	122.14	118.16	129.22	84.21	113.04	175.04	184.17	TOTAL
MEAN	3.15	1.07	1.18	2.18	8.47	4.07	3.81	4.17	2.81	3.65	5.83	5.84	MEAN
MAX	3.84	1.13	1.87	3.58	12.2	8.54	8.40	8.80	3.81	5.01	7.78	7.72	MAX
MIN	1.07	1.02	0.802	1.01	2.30	1.38	2.01	2.38	1.98	2.21	3.72	4.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.71
MAXIMUM DAILY, 12.2 ON MAY 9
MINIMUM DAILY, 0.802 ON MAR 26
MAXIMUM INSTANTANEOUS,
12.5 AT 01:51 EST ON MAY 9

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 40 30 N
LONG 78 20 45 W
DRAINAGE AREA, 338 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 440	JUL	10 200
FEB	2 800	AUG	11 200
MAR	3 190	SEP	7 280
APR	5 880	OCT	8 770
MAY	17 300	NOV	16 100
JUN	10 800	DEC	15 900

TOTAL DISCHARGE, 117 000 dam³

MISSISSIPPI RIVER AT APPLETON - STATION NO. 02KF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.6	17.9	12.3	74.3	23.7	25.8	18.2	7.88	7.84	8.76	11.8	27.88	1
2	21.1	17.68	11.8	80.0	23.0	26.4	17.8	8.26	7.10	7.20	14.1	27.78	2
3	20.89	17.78	11.4	83.3	25.8	26.4	17.1	8.17	7.07	8.83	12.5	27.68	3
4	20.28	17.68	11.3	86.2	26.5	26.6	16.1	8.36	7.24	8.81	11.8	27.38	4
5	19.68	17.4	11.3	87.7	26.1	26.6	16.8	7.88	7.87	7.88	11.8	27.18	5
6	19.18	16.9	11.28	88.4	28.2	26.3	15.7	8.07	7.48	8.88	13.2	28.88	6
7	18.78	16.8	11.18	88.0	34.8	25.8	13.0	8.88	7.18	8.88	11.8	28.68	7
8	18.38	16.1	11.0E	84.7	38.4	25.1	12.1	8.87	7.38	7.36	11.2	28.48	8
9	18.18	15.78	10.9E	84.0	40.7	23.8A	12.4	7.85	7.10	8.88	12.3	28.28	9
10	17.88	16.38	10.8A	82.7	41.2	24.8E	16.0	7.01	7.08	7.88	12.8	28.8	10
11	17.78	15.18	10.6	78.2	44.1	28.1E	14.8	8.82	8.18	7.12	13.2	25.8	11
12	18.18	14.9	10.4	72.8	45.8	27.2A	14.7	8.32	8.88	7.44	11.8	28.88	12
13	18.18	14.4	10.4	88.8	46.8	27.3A	14.1	8.34	8.27	7.04	10.9	25.18	13
14	18.18	14.8	10.3	83.4	85.8	26.2	13.1	8.82	8.80	8.23	11.8	24.88	14
15	18.18	14.4	10.7	84.1	80.8	26.3	12.8	8.88	8.38	8.08	14.3	24.48	15
16	18.18	14.3	14.7	82.7	84.8	25.8	12.8	8.88	8.77	7.82	20.1	24.18	16
17	18.08	14.18	15.8	48.0	84.2	27.8	11.8	8.03	8.72	8.08	23.8	23.78	17
18	18.08	13.88	18.0	42.8	84.2	28.8	11.8	8.14	8.81	8.72	21.1	23.48	18
19	18.08	13.78	18.8	43.1	82.8	26.0	8.82	8.81	7.04	8.42	23.1	23.08	19
20	18.08	13.48	19.2	41.7	88.5	26.4	8.82	8.33	7.10	8.14	28.3	22.78	20
21	17.88	13.3	19.3	35.8	87.1	26.3	8.85	8.84	7.31	10.4	23.0	22.58	21
22	17.88	13.1	21.8	30.4	81.1	25.4	8.85	8.87	7.72	8.85	26.78	22.38	22
23	17.88	13.1	24.3	30.5	46.8	25.3	8.40	8.87	8.87	8.47	26.38	22.18	23
24	17.88	13.3	22.2	30.7	43.4	24.8	8.42	8.85	7.18	8.80	27.88	21.88	24
25	17.88	12.7	22.0	28.4	38.3	24.1	8.18	8.47	7.38	8.80	27.88	21.78	25
26	18.4	12.4	25.8	27.4	32.8	23.3	8.00	8.71	8.88	8.44	27.28	21.58	26
27	18.4	13.3	29.5	28.3	31.4	23.8	8.88	7.15	8.11	8.24	27.18	21.38	27
28	18.5	12.3	38.2	25.1	29.8	19.8	8.14	7.53	7.48	8.28	28.2	21.18	28
29	18.3		47.4	24.4	29.9	18.8	7.88	7.81	8.84	8.42	28.88	20.98	29
30	18.0		57.2	24.8	28.1	18.4	7.88	7.53	8.24	8.28	28.38	20.78	30
31	18.8		88.1		27.8		7.73	8.80		8.38		20.88	31
TOTAL	575.8	418.8	632.8	1 888.2	1 302.8	782.1	388.18	213.05	210.23	240.88	572.3	748.4	TOTAL
MEAN	18.8	14.9	20.4	88.2	42.0	26.1	11.8	8.87	7.01	7.77	19.1	24.1	MEAN
MAX	21.6	17.9	88.1	87.7	84.8	27.8	18.2	8.38	8.87	10.4	28.8	27.8	MAX
MIN	17.7	12.3	10.3	24.8	23.0	18.4	7.73	8.03	8.80	8.08	10.8	20.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.1
MAXIMUM DAILY, 87.7 ON APR 5
MINIMUM DAILY, 8.03 ON AUG 17
MAXIMUM INSTANTANEOUS,
87.9 AT 08:01 EST ON APR 5

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 10 36 N
LONG 75 07 27 W
DRAINAGE AREA, 2 900 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	48 700	JUL	31 800
FEB	38 900	AUG	18 400
MAR	54 700	SEP	18 200
APR	148 000	OCT	20 800
MAY	113 000	NOV	48 400
JUN	65 000	DEC	64 700

TOTAL DISCHARGE, 888 000 dam³

MISSISSIPPI RIVER AT FERGUSONS FALLS - STATION NO. 02KF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.08	19.1	10.88	84.5	20.8	26.8	18.5	8.02	7.73	7.88	10.5	29.48	1
2	21.48	16.4	10.88	83.8	21.4	28.1	17.8	8.31	7.81	7.82	10.8	29.18	2
3	21.38	16.1	10.78	78.4	24.8	28.4	16.8	8.43	7.48	7.88	11.0	28.78	3
4	21.38	17.5	10.68	73.7	28.1	27.1	15.4	8.18	7.38	7.75	11.1	28.38	4
5	21.28	18.8	10.58	72.5	29.8	27.4	14.3	8.84	7.33	7.85	10.7	27.88	5
6	21.28	18.5	10.48	73.0	32.4	27.1	13.0	8.84	7.28	7.84	10.7	27.68	6
7	21.28	18.9	10.48	75.1	36.8	26.4	12.0	8.42	7.27	7.48	10.3	27.38	7
8	21.28	18.78	10.38	75.5	42.1	25.9	11.8	8.33	7.31	7.33	10.0	26.88	8
9	21.28	18.48	10.28	74.2	45.8	24.8	11.8	8.18	7.44	7.17	10.5	26.48	9
10	20.98	14.98	10.18	70.8	48.1	28.4	13.7	7.82	7.42	7.17	10.8	26.18	10
11	20.58	14.7	10.18	65.3	50.4	26.8	14.8	7.56	7.29	7.38	11.1	25.78	11
12	20.28	14.6	10.08	58.3	53.6	26.8	15.5	7.35	7.38	7.40	10.9	25.48	12
13	20.18	14.2	10.08	54.8	57.0	26.0	14.4	7.26	7.23	7.32	11.1	25.18	13
14	19.88	14.1	10.08	50.9	58.0	27.1	12.8	7.19	7.23	7.23	12.2	24.88	14
15	19.78	14.1	10.88	47.3	60.0	28.7	12.1	8.88	7.52	7.33	15.7	24.88	15
16	19.88	13.88	23.08	44.7	58.8	25.7	11.4	8.71	7.51	8.11	21.8	24.38	16
17	19.48	13.18	22.18	42.8	58.8	25.8	10.8	8.70	7.58	7.92	24.8	24.08	17
18	19.38	12.88	21.28	40.2	57.2	25.8	10.4	8.84	7.88	7.84	25.8	23.78	18
19	19.38	12.28	20.28	38.8	53.4	25.8	9.46	7.02	7.83	7.82	27.0	23.48	19
20	19.28	11.98	18.38	37.1	48.8	25.8	9.03	7.42	7.88	8.18	27.8	23.28	20
21	19.08	11.88	20.7	38.0	45.2	25.5	8.81	7.76	7.83	8.83	28.18	22.88	21
22	18.88	11.78	19.8	31.3	41.8	25.2	8.73	7.86	7.78	8.88	28.28	22.68	22
23	18.88	11.68	18.7	28.5	38.5	24.8	8.72	8.02	8.44	9.08	27.88	22.38	23
24	18.78	11.68	17.7	26.1	35.5	24.3	8.73	8.03	8.28	9.02	27.3	22.08	24
25	18.68	11.48	17.8	26.4	32.0	22.8	8.60	8.36	8.08	8.83	28.7	21.68	25
26	18.48	11.28	21.18	28.4	30.5	22.3	8.63	8.38	7.85	8.83	26.3	21.58	26
27	18.38	11.18	26.28	24.2	30.1	21.7	8.04	8.80	7.75	8.85	26.5	21.28	27
28	18.18	11.08	40.38	23.3	29.8	20.0	8.26	8.43	8.18	9.01	26.2	20.98	28
29	18.0		55.5	22.1	29.3	18.8	8.05	8.12	8.01	8.24	26.38	20.68	29
30	17.7		67.8	21.0	28.2	18.8	8.69	7.85	7.88	8.48	26.68	20.38	30
31	18.3		80.1		27.2		8.62	7.89		8.88		20.18	31
TOTAL	612.4	380.8	885.8	1 508.8	1 285.3	788.4	383.89	247.81	228.84	252.28	573.4	758.0	TOTAL
MEAN	19.8	14.0	21.2	80.3	40.5	26.2	11.7	7.98	7.62	8.14	19.1	24.5	MEAN
MAX	22.0	19.1	80.1	84.5	80.0	28.8	18.5	8.43	8.44	9.88	28.8	29.4	MAX
MIN	17.7	11.0	10.0	21.0	20.8	18.8	8.72	8.70	7.23	7.17	10.0	20.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.8
MAXIMUM DAILY, 84.5 ON APR 1
MINIMUM DAILY, 8.70 ON AUG 17
MAXIMUM INSTANTANEOUS,
85.1 AT 20:10 EST ON APR 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 03 10 N
LONG 76 17 11 W
DRAINAGE AREA, 2 820 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	52 800	JUL	31 400
FEB	33 700	AUG	21 400
MAR	88 700	SEP	19 800
APR	130 000	OCT	21 800
MAY	108 000	NOV	48 800
JUN	66 300	DEC	85 800

TOTAL DISCHARGE, 888 000 dam³

MISSISSIPPI RIVER BELOW MARBLE LAKE - STATION NO. 03KF018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.80	3.98	1.78	8.13	3.84	4.80	2.23	0.334	0.243	0.674	1.42	13.8	1
2	3.81	3.83	1.78	8.88	4.04	5.04	1.88	0.348	0.261	0.868	3.11	13.5	2
3	3.72	3.88	1.78	6.98	4.14	4.80	1.41	0.381	0.280	1.03	3.78	13.2	3
4	3.83	3.88	1.85	7.62	4.02	3.78	1.26	0.372	0.238	0.939	3.01	12.7	4
5	3.85	3.77	1.90	8.06	4.04	3.23	0.986	0.378	0.234	0.859	4.08	12.2	5
6	3.80	3.78	1.82	8.72	4.32	3.11	0.813	0.374	0.234	0.802	4.82	11.8	6
7	3.45	3.73	1.78	8.36	4.72	3.04	0.868	0.317	0.238	0.808	4.87	11.5	7
8	3.56	3.68	1.78	8.86	4.65	3.03	0.886	0.312	0.241	0.883	4.81	11.2	8
9	3.39	3.65	1.74	8.83	3.88	3.86	0.887	0.278	0.246	0.825	5.14	10.8	9
10	3.33	3.45	1.88	10.0	3.80	3.80	0.880	0.348	0.247	0.874	5.27	10.5	10
11	3.27	3.44	1.88	10.1	3.88	3.28	0.825	0.234	0.241	1.08	8.87	10.2	11
12	3.28	3.41	1.81	10.0	4.18	3.13	0.483	0.215	0.238	1.07	7.13	9.87	12
13	3.21	3.30	1.58	10.0	4.30	3.26	0.463	0.229	0.236	1.08	7.04	9.88	13
14	3.08	3.40	1.88	8.38	4.41	3.08	0.470	0.237	0.221	0.980	7.41	9.28	14
15	3.17	3.24	1.82	7.10	4.73	3.82	0.480	0.232	0.240	1.00	7.90	9.00	15
16	3.12	3.20	1.82	8.82	4.84	3.88	0.487	0.232	0.245	1.28	8.83	8.78	16
17	3.18	3.16	1.78	8.81	5.08	4.22	0.483	0.207	0.282	1.18	8.34	8.38	17
18	3.14	3.13	2.00	8.83	5.17	5.88	0.487	0.188	0.260	1.08	9.00	8.13	18
19	3.13	3.14	1.81	8.88	5.38	5.07	0.443	0.187	0.288	0.877	8.38	7.88	19
20	3.81	3.04	1.88	8.82	5.34	5.14	0.412	0.211	0.288	1.22	8.78	7.87	20
21	3.72	3.21	1.84	8.00	5.48	5.10	0.384	0.282	0.288	1.28	10.3	7.40	21
22	3.63	3.10	1.85	4.18	5.19	5.17	0.381	0.233	0.322	1.22	11.8	7.13	22
23	3.83	3.08	1.82	4.04	5.22	5.82	0.383	0.222	1.17	1.17	14.1	8.88	23
24	3.38	3.03	1.85	4.01	5.15	5.83	0.387	0.188	0.983	1.14	15.0	8.88	24
25	3.41	1.88	1.88	3.88	5.17	5.78	0.380	0.183	0.884	1.18	15.3	8.43	25
26	3.51	1.83	2.07	3.82	5.23	5.88	0.374	0.181	0.870	1.18	15.1	8.34	26
27	3.32	1.88	2.11	3.82	5.11	5.88	0.368	0.188	0.886	1.18	15.4	8.01	27
28	3.25	1.82	2.38	3.87	5.03	5.31	0.388	0.188	0.884	1.31	15.5	8.80	28
29	3.18		3.01	3.85	4.80	4.78	0.382	0.211	0.886	1.31	14.8	8.80	29
30	3.13		3.82	3.88	3.81	3.01	0.366	0.231	0.882	1.22	14.4	8.36	30
31	3.06		4.31		4.20		0.338	0.218		1.22		8.43	31
TOTAL	105.13	86.08	82.63	200.74	142.85	126.88	20.278	7.844	12.781	31.887	283.88	278.13	TOTAL
MEAN	3.39	3.38	3.02	8.69	4.80	4.30	0.884	0.253	0.426	1.03	8.80	8.00	MEAN
MAX	3.80	3.88	4.31	10.1	5.48	8.17	2.23	0.378	1.17	1.28	15.3	13.8	MAX
MIN	3.08	1.82	1.88	3.88	3.80	2.13	0.338	0.188	0.221	0.828	1.42	8.36	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.62
MAXIMUM DAILY, 15.3 ON NOV 25
MINIMUM DAILY, 0.188 ON AUG 24
MAXIMUM INSTANTANEOUS,
15.4 AT 19:52 EST ON NOV 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 50 40 N
LONG 77 07 12 W
DRAINAGE AREA, 357 km²

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9 050	JUL	1 750
FEB	8 710	AUG	878
MAR	8 410	SEP	1 110
APR	17 300	OCT	2 750
MAY	12 300	NOV	22 400
JUN	11 100	DEC	24 100

TOTAL DISCHARGE, 114 000 dam³

MOIRA RIVER NEAR DELORO - STATION NO. 02HL005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.818	2.50 E	0.8858	17.8 B	3.23	1.88	2.00	0.088	0.077	0.267	1.28	5.758	1
2	1.888	2.14 E	0.8708	18.4 B	3.82	2.13	1.71	0.093	0.088	0.230	1.34	3.858	2
3	1.838	1.82 E	0.8558	18.1 B	4.87	2.08	1.50	0.084	0.087	0.238	1.82	3.418	3
4	1.888	1.58 E	0.8478	17.3 B	5.08	2.82	1.31	0.084	0.082	0.222E	1.84	3.148	4
5	1.478	1.42 E	0.8388	16.8 B	5.08	2.08	1.28	0.128	0.082	0.208E	1.85	2.958	5
6	1.278	1.28 E	0.8388	20.3 B	5.70	2.37	2.08	0.148	0.087	0.188E	2.14	2.838	6
7	1.468	1.18 E	0.8188	22.2	7.08	2.08	3.41	0.103	0.051	0.184E	2.44	2.728	7
8	2.888	1.07 E	0.8108	20.4	8.80	1.74	3.37	0.078	0.047	0.144E	3.41	2.558	8
9	3.188	1.02 E	0.8008	16.2	8.88	1.81	2.98	0.072	0.042	0.122E	4.58	2.508	9
10	2.038	0.8868	0.8868	15.8	8.69	4.81	2.58	0.062	0.040E	0.183E	5.55	2.448	10
11	1.868	0.8108	0.8618	13.5	8.22	6.70	2.18	0.088	0.038E	0.182E	6.58	2.388	11
12	1.888	0.8608	0.8768	11.8	8.44	8.77	1.81	0.080	0.037E	0.148E	7.33	2.288	12
13	1.818	0.8608	0.8688	10.3	8.88	8.07	1.82	0.080	0.036E	0.138E	8.82	2.188	13
14	1.868	0.8988	0.8568	9.15	8.58	6.40	1.38	0.084	0.053E	0.184E	8.15	2.078	14
15	1.838	0.9278	0.8448	8.45	8.84	3.88	1.11	0.081	0.048E	0.203E	8.20	1.998	15
16	1.488	0.8708	7.13 B	8.09	8.38	3.28	0.842	0.080	0.037E	0.240E	11.8	1.818	16
17	1.378	0.8188	4.50 B	7.77	7.75	3.38	0.822	0.088	0.072E	0.288E	14.7	1.848	17
18	1.488	0.7888	3.98 B	7.81	6.71	3.73	0.723	0.078	0.042E	0.333	16.7	1.788	18
19	1.548	0.7388	3.28 B	7.29	5.88	3.84	0.594	0.071	0.032E	0.374	18.5	1.678	19
20	1.588	0.7048	1.83 B	6.88	5.38	3.88	0.508	0.081	0.026E	0.808	14.8	1.838	20
21	1.438	0.7868	1.88 B	6.34	5.08	8.00	0.448	0.082	0.028E	1.74	13.0 B	1.558	21
22	1.528	0.8238	1.82 B	5.70	4.48	7.18	0.371	0.074	0.105E	2.05	11.3 B	1.498	22
23	1.478	0.8068	1.84 B	5.22	3.82	6.84	0.321	0.083	1.51	1.98	9.28B	1.448	23
24	1.418	0.7868	1.48 B	4.71	3.27	6.29	0.251	0.067	1.18	1.88	7.80B	1.388	24
25	1.368	0.7678	1.62 B	4.15	2.85	5.87	0.214	0.058	0.834	1.80	8.65B	1.338	25
26	1.848	0.7478	3.40 B	3.78	2.58	4.85	0.184	0.060	0.710	1.84	8.10B	1.288	26
27	1.408	0.7328	9.10 B	3.58	2.58	3.85	0.204	0.041	0.528	1.88	8.80B	1.248	27
28	1.668	0.7188	15.3 B	3.38	2.18	3.30	0.248	0.035	0.388	1.32	7.18	1.188	28
29	1.778		22.8 B	3.20	1.88	2.72	0.178	0.038	0.338	1.26	7.33B	1.148	29
30	1.888		21.3 B	3.26	1.88	2.33	0.147	0.040	0.287	1.28	7.80B	1.118	30
31	2.188		19.2 B		1.61		0.122	0.038		1.23		1.178	31
TOTAL	53.38	28.487	133.440	316.90	172.30	116.41	38.370	2.227	8.908	22.183	218.02	86.23	TOTAL
MEAN	1.72	1.05	4.30	10.8	5.58	3.88	1.17	0.072	0.230	0.715	7.17	2.14	MEAN
MAX	3.19	2.50	22.8	22.2	8.85	8.00	3.41	0.148	1.51	2.05	18.7	5.75	MAX
MIN	1.35	0.708	0.886	3.20	1.61	1.61	0.122	0.038	0.026	0.122	1.28	1.11	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.21
MAXIMUM DAILY, 22.8B ON MAR 29
MINIMUM DAILY, 0.026E ON SEP 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 30 00 N
LONG 77 37 03 W
DRAINAGE AREA, 308 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 810	JUL	3 140
FEB	2 580	AUG	192
MAR	11 500	SEP	887
APR	27 400	OCT	1 910
MAY	14 900	NOV	18 800
JUN	10 200	DEC	8 720

TOTAL DISCHARGE, 101 000 dam³

MOIRA RIVER NEAR FOXBORO - STATION NO. 02HL001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.7	30.3	9.13	143	33.7	17.8	18.8	2.07	1.10	5.34	14.1	51.4	1
2	21.3	28.6	8.49	138	34.4	17.7	18.8	1.98	1.27	5.37	13.9	48.4	2
3	20.6	21.7	8.51	133	36.8	17.3	18.0	1.80	1.27	5.20	13.6	47.48	3
4	17.9	25.7	7.97	133	37.3	17.5	13.4	2.03	1.27	4.83	13.3	46.08	4
5	18.1	23.0	8.39	136	36.8	17.1	13.1	3.21	1.21	4.88	12.7	43.8	5
6	17.2	22.1	7.76	141	29.7	16.4	10.8	3.08	1.12	4.33	12.7	41.2	6
7	18.3	20.2	7.63	143	32.8	14.4	10.5	2.78	1.07	4.16	13.5	40.58	7
8	18.8	18.5	7.90	140	34.3	13.9	10.9	2.45	1.05	4.00	15.8	37.6	8
9	20.7	18.1 B	7.98	134	44.3	13.8	10.8	2.12	1.03	4.26	18.5	35.9	9
10	22.3	18.5	7.77	128	48.8	18.4	10.4	1.85	1.05	5.00	21.9	33.6	10
11	22.3	15.9	7.82	115	49.8	20.3	8.84	1.67	1.04	5.88	25.8	32.7	11
12	21.2	15.0	7.88	105	51.2	24.8	8.84	1.57	0.988	6.89	29.2	30.8	12
13	20.4	14.1	7.22	96.5	53.5	27.8	8.11	1.55	0.987	10.3	30.7	29.4	13
14	18.8	14.3	7.77	87.2	54.8	28.4	7.84	1.47	0.951	10.7	33.2	28.8	14
15	19.1	14.2	19.8	78.8	55.8	27.1	7.07	1.38	1.04	10.8	38.7	24.8	15
16	18.3	13.7	28.7	73.7	55.3	25.3	5.58	1.33	0.932	10.1	41.8	23.4	16
17	17.7	12.8	31.1	68.8	53.2	24.7	5.08	1.27	0.884	9.85	51.3	22.4	17
18	17.2	12.3	28.8	63.9	50.0	24.4	5.58	1.18	0.903	9.63	64.4	22.6	18
19	17.1	11.8	28.4	59.5	47.2	23.7	5.08	1.08	0.908	8.58	76.3	21.1	19
20	17.3	11.6	26.7	56.0	44.0	24.8	4.84	1.08	0.888	10.2	84.2	20.4	20
21	18.28	11.1	24.8	52.5	40.8	26.4	4.28	1.01	0.843	11.0	87.1	19.8	21
22	18.5	11.3	23.1	48.1	37.6	27.8	3.84	1.00	0.851	11.4	83.8	19.5	22
23	18.8	11.2	21.0	45.4	34.3	28.0	3.71	1.04	1.20	13.0	78.0	19.5	23
24	18.4	10.8	19.8	41.2	31.3	28.8	3.39	1.02	1.38	14.5	72.4	19.7	24
25	18.5	10.3	19.6	37.3	28.8	28.7	3.08	0.983	2.18	15.5	68.3	19.7	25
26	18.1	10.2	27.0	34.6	28.3	28.5	2.88	0.883	3.67	15.7	61.7	19.8	26
27	17.0	9.87	38.1	30.9	24.6	27.3	2.78	0.807	5.28	15.8	55.8	19.0	27
28	17.7	9.54	64.9	27.7	23.2	25.4	2.88	0.848	5.82	15.4	50.5	18.3	28
29	18.3		77.8	25.1	21.5	23.0	2.77	0.806	5.88	15.3	54.2	18.1	29
30	21.7		105	24.3	20.2	20.5	2.47	1.01	5.81	15.0	63.8	18.8	30
31	26.0		132		19.1		2.28	0.811		14.5		19.8	31
TOTAL	583.4	443.81	821.31	2 541.4	1 145.8	680.6	333.23	47.328	53.705	297.88	1 285.4	884.6	TOTAL
MEAN	18.8	15.9	26.5	84.7	37.0	22.7	7.52	1.53	1.79	9.60	43.2	27.8	MEAN
MAX	28.0	30.3	132	143	55.8	28.8	18.8	3.21	5.88	15.7	87.1	51.4	MAX
MIN	15.8	9.54	7.22	24.3	19.1	13.8	2.28	0.806	0.884	4.00	12.7	19.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.7
MAXIMUM DAILY, 143 ON APR 1
MINIMUM DAILY, 0.806 ON AUG 29
MAXIMUM INSTANTANEOUS,
144 AT 17:15 EST ON APR 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 15 14 N
LONG 77 25 10 W
DRAINAGE AREA, 2 620 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	50 400	JUL	20 200
FEB	38 300	AUG	4 080
MAR	71 000	SEP	4 640
APR	220 000	OCT	25 700
MAY	98 000	NOV	112 000
JUN	58 800	DEC	76 700

TOTAL DISCHARGE, 778 000 dam³

MOJIKIT LAKE RESERVOIR AT MOJIKIT LAKE - STATION NO. 04GB003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	325.380	325.050	324.770E	324.610	324.860	325.240	325.570	325.530	325.280	325.830	325.480E	325.090	1
2	325.370	325.020	324.780	324.610	324.870	325.280	325.550	325.530	325.250	325.870	325.480E	325.090	2
3	325.380	325.010	324.750	324.610	324.700	325.450	325.540	325.540	325.230	325.880	325.410E	325.060	3
4	325.330	324.880	324.740	324.620	324.720	325.740	325.520	325.540	325.210	325.820	325.400E	325.070	4
5	325.320	324.870	324.730	324.620	324.780	326.770	325.500	325.540	325.200	325.800	325.380E	325.070	5
6	325.310	324.880	324.730	324.630	324.780	326.800	325.480	325.550	325.200	325.810	325.380E	325.070	6
7	325.310	324.840	324.720	324.640	324.810	326.820	326.300	325.530	325.180	325.400	325.330E	325.080	7
8	325.300	324.840	324.710	324.640	324.840	326.830	326.350	325.530	325.170	325.770	325.310E	325.050	8
9	325.270	324.830	324.710	324.610	324.870	326.840	326.380	325.510	325.170	325.750	325.330E	325.080	9
10	325.260	324.810	324.700	324.600	324.800	326.840	326.430	325.510	325.150	325.730	325.290E	325.040	10
11	325.250	324.800	324.700	324.600	324.840	326.840	326.440	326.500	326.140	325.700	325.250E	325.030	11
12	325.240	324.800	324.700	324.610	324.880	326.830	326.460	326.500	326.130	325.700	325.230E	325.020	12
13	325.220	324.890	324.690	324.610	325.040	326.840	326.480	326.490	326.100	325.710	325.200E	325.020	13
14	325.210	324.880	324.690	324.610	325.080	326.830	326.500	326.490	326.080	325.700	325.190E	325.010	14
15	325.200	324.880	324.680	324.610	325.140	326.310	326.500	326.470	326.070	325.690	325.170E	325.000	15
16	325.190	324.870	324.680	324.610	325.180	325.640	325.520	326.480	326.050	325.680	325.170E	325.000	16
17	325.180	324.860	324.670	324.600	325.230	325.610	326.530	326.440	326.040	325.670	325.170E	324.990	17
18	325.170	324.850	324.670	324.600	325.280	325.780	326.540	326.420	326.000	325.660	325.170E	324.990	18
19	325.160	324.840	324.680	324.600	325.360	325.760	326.540	326.400	325.980	325.690E	325.170	324.990	19
20	325.150	324.830	324.680	324.600	325.430	325.740	326.550	326.410	326.000	325.730E	325.180	324.980	20
21	325.140	324.820	324.650	324.590	325.520	325.710	326.550	326.400	325.990	325.700E	325.170	324.980	21
22	325.130	324.810	324.650	324.590	325.590	325.690	326.540	326.390	326.010	325.680E	325.160	324.970	22
23	325.120	324.800	324.640	324.590	325.660	325.670	326.540	326.380	326.000	325.680E	325.150	324.980	23
24	325.120	324.780	324.630	324.580	325.730	325.670	326.550	326.350	325.820	325.640E	325.140	324.980	24
25	325.110	324.790	324.630	324.600	325.790	325.660	326.540	326.330	325.820	325.610E	325.130	324.980	25
26	325.090	324.780	324.630	324.610	325.880	325.660	326.570	326.320	325.820	325.590E	325.130	324.980	26
27	325.080	324.770	324.630	324.620	325.850	325.640	326.540	326.310	325.880	325.570E	325.120	324.980	27
28	325.080	324.780	324.630	324.630	326.010	325.630	326.570	326.300	325.870	325.560E	325.110	324.980	28
29	325.070		324.620	324.640	326.080	325.600	326.540	326.300	325.880	325.530E	325.100	324.980	29
30	325.060		324.620	324.660	326.130	325.580	326.540	326.300	325.880	325.510E	325.100	324.940	30
31	325.060		324.620		326.180		326.530	326.270		325.490E		324.940E	31
MEAN	325.201	324.884	324.678	324.612	325.288	326.189	326.330	326.437	326.082	325.691	325.232	325.007	MEAN
MAX	325.380	325.050	324.770	324.660	326.180	326.840	326.540	326.550	326.280	325.870	325.480	325.090	MAX
MIN	325.060	324.770	324.620	324.580	324.860	325.580	325.500	326.270	325.850	325.490	325.100	324.940	MIN

WATER LEVELS IN METRES

MEAN, 325.472
MAXIMUM DAILY, 326.840 ON JUN 9
MINIMUM DAILY, 324.580 ON APR 21

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 15 N
LONG 88 12 30 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MONTREAL RIVER AT LOWER NOTCH GENERATING STATION - STATION NO. 02JD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	32.8	111	43.4	40.8	186	285	70.5	44.7	0	10.4	14.9	48.7	1
2	82.8	130	30.2	9.30	178	284	49.7	0	0.900	18.9	24.3	36.0	2
3	80.0	181	9.80	61.1	181	271	82.4	55.5	0.900	5.70	22.8	33.2	3
4	100	82.7	18.4	45.4	188	220	97.7	49.5	7.70	30.2	4.60	13.8	4
5	101	39.0	11.1	39.8	224	230	89.2	30.0	0	28.7	28.2	5.10	5
6	89.0	108	12.7	55.4	224	228	135	0	0	18.6	27.8	38.0	6
7	87.8	109	15.0	19.5	225	224	0	3.00	0	0	38.4	95.5	7
8	78.7	84.3	17.5	83.1	254	208	2.40	51.5	19.2	0	38.2	78.1	8
9	117	127	24.6	54.8	247	190	38.9	84.3	28.8	0	24.4	33.5	9
10	84.7	113	30.1	83.0	321	269	119	45.8	12.7	21.7	33.8	85.0	10
11	122	85.4	31.8	83.0	324	264	71.1	0	24.8	23.8	22.3	128	11
12	126	87.5	37.4	55.1	317	261	88.8	0	26.8	18.3	0	78.7	12
13	111	113	13.2	36.8	234	238	101	0	0	22.2	20.1	88.0	13
14	78.4	85.0	17.2	39.8	208	230	85.7	13.5	4.00	27.6	19.4	74.6	14
15	78.7	102	36.8	84.9	244	201	88.0	18.9	8.30	1.00	24.2	78.7	15
16	122	108	36.7	52.3	247	183	39.3	41.7	18.2	13.4	53.1	45.5	16
17	126	85.0	33.2	80.2	224	193	144	30.7	27.1	31.2	70.8	23.5	17
18	116	78.3	40.9	88.4	251	201	125	18.7	5.40	11.8	31.4	46.3	18
19	131	83.0	1.70	86.8	242	188	89.3	4.40	0	38.6	18.8	115	19
20	141	84.8	46.1	86.1	148	182	81.1	3.10	0	22.5	78.7	81.3	20
21	36.7	78.1	46.3	97.8	88.8	188	89.6	43.7	28.8	0.800	80.8	87.8	21
22	87.5	85.3	46.4	107	116	173	72.3	42.8	23.8	20.1	88.5	127	22
23	103	82.8	33.0	88.8	186	171	0	21.8	0.300	20.8	74.8	87.8	23
24	113	86.6	18.7	113	221	180	36.8	7.40	15.3	22.8	77.5	27.8	24
25	148	17.8	18.7	85.8	302	86.8	17.8	78.3	9.30	18.7	30.1	42.8	25
26	103	8.30	20.7	87.2	315	184	21.3	28.1	0	24.7	21.0	89.4	26
27	123	77.5	38.4	184	284	170	38.2	0	0	37.2	46.7	88.0	27
28	83.3	33.4	46.8	123	263	130	46.8	42.2	25.0	0	80.1	86.3	28
29	86.8		80.2	181	259	123	7.00	40.8	15.3	14.2	89.1	101	29
30	121		86.5	183	276	85.8	0	37.7	20.7	17.7	72.7	48.1	30
31	104		48.6		280		33.4	38.2		23.0		80.1	31
TOTAL	3 079.1	2 446.20	914.00	2 281.80	7 280.8	5 892.4	1 884.40	843.70	313.800	841.400	1 178.10	2 041.30	TOTAL
MEAN	99.3	87.4	29.5	76.4	234	196	59.8	27.2	10.5	17.5	38.3	85.8	MEAN
MAX	148	181	88.5	184	324	271	144	78.3	27.1	38.6	80.8	128	MAX
MIN	32.8	8.30	1.70	8.30	88.8	88.8	0	0	0	0	0	5.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 78.5
MAXIMUM DAILY, 324 ON MAY 11
MINIMUM DAILY, 0 ON JUL 7

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 08 15 N
LONG 79 27 15 W
DRAINAGE AREA, 8 800 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	288 000	JUL	180 000
FEB	211 000	AUG	72 800
MAR	79 000	SEP	27 100
APR	198 000	OCT	48 800
MAY	626 000	NOV	102 000
JUN	509 000	DEC	176 000

TOTAL DISCHARGE, 2 470 000 dam³

MONTREAL RIVER AT MOUNTAIN CHUTES - STATION NO. 02JD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	38.0	31.8	16.0	25.8	135	212	65.7	18.7	13.3	10.8	14.5	25.7	1
2	38.8	28.8	17.8	27.4	167	208	80.0	19.4	12.8	11.0	15.8	25.8	2
3	38.7	26.5	18.2	28.68	170	201	55.8	18.7	13.7	11.1	17.0	25.7	3
4	38.2	27.5	17.6	30.68	184	187	52.1	20.5	14.8	10.6	17.2	25.3	4
5	37.4	27.0	17.3	34.18	224	170	48.3	20.1	15.8	10.3	16.8	25.3	5
6	37.1	27.3	17.0	35.5	260	154	41.6	20.1	14.2	10.7	20.8	25.0	6
7	37.3	27.0	16.8	37.5	264	148	42.2	19.5	12.0	10.8	24.0	25.0	7
8	37.7	27.5	16.5	39.3	257	144	43.8	19.3	11.2	10.7	20.8	24.1	8
9	37.3	27.8	16.4	39.8	240	147	44.3	18.7	11.8	10.5	18.4	23.8	9
10	37.1	27.8	16.3	39.7	231	160	47.6	17.2	12.5	10.8	17.0	23.5	10
11	37.1	28.0	16.2	38.2	222	188	54.0	16.2	12.8	10.5	16.8	24.0	11
12	36.9	27.7	16.2	38.8	212	184	56.8	15.4	12.8	10.8	16.8	24.4	12
13	36.7	27.7	16.2	36.8	207	183	60.5	14.9	12.8	11.0	19.3	24.8	13
14	36.1	27.8	16.3	35.68	206	137	59.4	15.3	12.6	10.8	22.3	27.8	14
15	36.1	27.3	17.1	36.08	203	126	54.8	16.9	13.1	10.8	24.8	30.3	15
16	35.8	27.2	16.8	36.8	188	118	51.4	17.8	12.4	11.1	28.9	31.7	16
17	36.0	27.2	16.5	40.3	173	114	48.7	18.3	12.1	11.0	32.2	31.8	17
18	36.0	27.2	16.4	45.4	150	119	48.7	18.4	11.7	11.0	34.2	29.1	18
19	36.0	27.3	16.3	49.5	142	117	44.7	18.2	11.6	10.8	35.8	28.8	19
20	36.0	27.2	16.3	53.4	139	112	42.0	17.8	11.7	11.0	37.1	28.3	20
21	36.1	24.3	17.1	59.5	148	108	37.1	18.0	11.8	11.4	37.0	28.6	21
22	35.8	20.0	17.7	66.8	165	103	34.1	18.0	12.0	11.5	35.9	23.1	22
23	35.2	17.0	18.0	75.0	227	94.3	32.5	18.2	12.5	11.3	32.1	21.3	23
24	34.7	16.1	18.3	80.2	244	88.0	31.5	18.1	12.0	11.5	28.8	20.3	24
25	34.8	17.0	18.7	87.2	258	84.4	30.3	18.8	11.8	11.8	28.0	20.0	25
26	34.8	17.7	18.68	88.8	251	81.7	29.5	17.0	12.4	11.8	27.3	18.9	26
27	34.5	18.0	19.68	106	253	80.0	31.8	18.4	11.8	12.3	26.8	18.4	27
28	34.1	18.1	21.08	114	250	78.4	34.4	18.7	11.8	12.7	26.7	18.4	28
29	34.0		22.8	123	241	76.9	17.7	14.9	12.1	13.0	26.0	18.3	29
30	33.8		23.7	127	228	72.1	17.4	14.8	11.4	13.8	26.0	18.1	30
31	33.8		24.8		213		18.2	14.2		13.9		18.3	31
TOTAL	1 122.4	704.8	558.0	1 884.3	6 469	3 926.8	1 326.3	540.5	375.1	361.0	747.5	783.2	TOTAL
MEAN	36.2	25.2	17.8	58.1	209	131	42.8	17.4	12.5	11.3	24.9	24.3	MEAN
MAX	39.0	31.8	24.8	127	264	212	65.7	20.8	15.8	13.9	37.1	31.8	MAX
MIN	33.8	16.1	16.2	25.8	135	72.1	17.4	14.2	11.2	10.3	14.8	18.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 80.8
MAXIMUM DAILY, 264 ON MAY 7
MINIMUM DAILY, 10.3 ON OCT 6
MAXIMUM INSTANTANEOUS,
266 AT 10:18 EST ON MAY 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 35 21 N
LONG 80 11 24 W
DRAINAGE AREA, 4 300 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	97 000	JUL	115 000
FEB	80 800	AUG	46 700
MAR	46 000	SEP	32 400
APR	148 000	OCT	30 300
MAY	559 000	NOV	64 800
JUN	338 000	DEC	85 100

TOTAL DISCHARGE, 1 800 000 dam³

MONTREAL RIVER NEAR MONTREAL RIVER HARBOUR - STATION NO. 02EE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	88.0	84.1	57.5	21.6	78.2	47.7	28.2	53.0	48.9	11.6	28.8	28.8	1
2	88.8	88.0	58.2	23.9	81.0	47.6	20.7	48.7	0	37.7	21.8	21.8	2
3	74.0	84.1	58.4	57.2	80.7	34.4	28.3	42.8	0	58.2	28.1	21.8	3
4	73.3	47.0	36.3	77.2	81.8	36.2	30.3	45.8	0	54.2	27.5	42.8	4
5	71.4	85.2	21.8	88.1	80.0	48.7	51.2	22.8	30.8	51.3	11.0	43.8	5
6	72.8	84.1	58.8	75.8	80.7	49.0	47.3	22.8	80.0	38.8	18.7	44.3	6
7	88.8	88.2	70.8	82.8	80.4	48.4	46.0	33.7	57.2	17.3	24.2	40.2	7
8	77.0	83.1	61.0	84.8	81.0	47.7	27.8	58.8	41.8	0	28.8	30.4	8
9	88.8	88.1	85.2	71.8	88.1	46.2	25.8	53.8	0	14.0	17.3	21.8	9
10	78.3	88.3	84.7	88.0	80.8	21.7	38.9	43.1	13.3	88.8	18.8	22.8	10
11	71.1	48.4	19.4	81.7	78.8	24.8	41.8	46.1	80.0	47.0	0	37.0	11
12	88.8	48.8	28.8	88.4	83.4	50.3	40.2	21.8	43.8	43.3	14.7	48.8	12
13	87.7	88.8	81.3	85.1	83.0	88.8	53.2	28.3	83.2	40.8	18.4	88.1	13
14	88.8	88.8	80.7	84.1	83.7	81.3	40.6	83.2	45.0	18.1	21.7	53.8	14
15	84.3	83.1	81.4	36.0	80.8	88.8	24.2	87.8	38.1	13.7	24.0	37.8	15
16	88.8	88.4	88.8	81.7	77.0	83.2	23.8	82.7	28.8	47.0	41.8	28.8	16
17	88.3	88.8	80.7	80.8	78.8	14.3	38.8	88.4	28.8	47.8	30.4	28.3	17
18	88.8	38.1	20.8	70.8	81.8	28.8	48.3	49.3	48.3	50.4	12.8	37.8	18
19	71.8	83.0	25.2	88.8	38.8	43.8	48.3	22.8	45.0	43.8	0	38.4	19
20	71.8	88.2	88.8	88.8	84.1	47.8	47.0	23.8	49.3	38.3	38.0	37.4	20
21	84.1	87.3	88.0	25.9	38.8	87.8	47.0	53.2	38.4	0	40.2	88.8	21
22	84.1	71.4	88.8	18.3	73.0	84.4	23.8	84.4	40.8	13.2	42.8	37.8	22
23	88.8	88.8	88.2	28.3	84.1	87.1	34.1	84.4	78.1	27.2	37.8	11.0	23
24	84.3	71.4	20.7	82.8	84.8	28.8	80.8	84.1	15.1	38.8	27.3	0	24
25	74.2	31.3	18.8	87.1	82.8	27.8	47.0	43.3	38.7	38.4	0	0	25
26	88.0	48.3	18.3	80.8	83.2	37.1	88.2	0	82.8	38.8	0	0	26
27	84.1	87.8	28.8	83.3	30.8	81.7	48.8	18.3	84.8	33.8	27.8	18.1	27
28	88.4	88.4	88.8	78.3	88.8	88.8	41.8	48.4	42.8	18.8	48.8	38.0	28
29	88.8		88.8	81.3	83.2	48.8	24.8	48.0	38.1	0	47.0	30.2	29
30	71.1		87.8	74.8	83.2	83.8	28.2	83.2	17.8	47.0	28.7	31.7	30
31	70.2		48.3		81.0		84.4	48.7		40.8		21.8	31
TOTAL	2 128.1	1 880.7	1 488.7	1 834.8	2 128.2	1 382.9	1 204.8	1 310.1	1 088.7	1 013.2	733.7	881.7	TOTAL
MEAN	88.8	80.0	47.3	81.2	88.7	48.1	38.9	42.3	38.3	32.7	24.1	31.0	MEAN
MAX	77.0	71.4	70.8	93.3	88.1	88.8	88.2	88.8	75.1	88.8	47.0	88.1	MAX
MIN	88.8	31.3	18.8	18.3	30.8	14.3	20.7	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 48.3
MAXIMUM DAILY, 83.3 ON APR 27
MINIMUM DAILY, 0 ON AUG 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 12 50 N
LONG 84 37 10 W
DRAINAGE AREA, 2 880 km²

REGULATED SINCE 1935

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	184 000	JUL	104 000
FEB	145 000	AUG	113 000
MAR	127 000	SEP	94 100
APR	159 000	OCT	87 500
MAY	184 000	NOV	82 500
JUN	117 000	DEC	83 100

TOTAL DISCHARGE, 1 480 000 dam³

DATA CONTRIBUTED BY -
GREAT LAKES POWER COMPANY LIMITED

REMARKS - PRIOR TO 1980 PUBLISHED AS "MONTREAL RIVER AT RAILWAY BRIDGE"

MOON RIVER AT HIGHWAY NO. 68 - STATION NO. 02EE011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.22	3.08	2.63	78.7	28.4	20.5	3.18	2.81	0.458	0.483	0.508	3.17	1
2	4.18	3.04	2.84	83.6	28.0	20.5	2.86	2.84	0.478	0.487	0.530	2.83	2
3	4.13	2.97	2.85	92.0	28.6	20.6	2.76	2.74	0.428	0.461	0.588	2.70	3
4	3.97	2.81	2.84	101	28.5	20.4	2.86	2.78	0.408	0.452	0.552	2.47	4
5	3.91	2.86	2.73	113	24.8	20.3	2.85	2.79	0.387	0.488	0.558	2.28	5
6	3.88	2.89	4.39	123	25.9	20.8	2.85	2.77	0.383	0.488	0.888	2.14	6
7	3.85	2.84	25.1	128	26.2	20.8	2.83	2.78	0.374	0.494	0.852	1.95	7
8	3.98	2.85	25.1	134	27.4	20.5	2.46	2.86	0.382	0.471	0.873	1.77	8
9	4.10	2.85	24.8	134	27.1	18.0	2.37	2.87	0.478	0.453	0.785	1.85	9
10	3.95	2.83	26.3	138	24.4	8.39	2.32	1.19	0.588	0.487	0.974	1.62	10
11	3.82	2.98	27.8	137	23.4	4.89	2.29	0.590	0.522	0.578	1.18	1.58	11
12	3.82	2.89	26.9	137	21.3	4.37	2.22	0.418	0.430	0.542	1.11	1.48E	12
13	3.82	2.85	24.8	136	21.8	3.89	2.18	0.373	0.398	0.507	0.988	1.46E	13
14	3.72	3.02	26.0	133	24.3	3.90	2.12	0.378	0.403	0.472	0.942	1.42E	14
15	3.82	2.98	26.4	132	27.8	3.77	2.13	0.378	0.394	0.474	1.12	1.39E	15
16	3.85	2.91	30.8	130	37.9	3.85	2.14	0.378	0.408	0.582	2.81	1.36E	16
17	3.70	2.78	39.9	130	40.9	3.67	2.11	0.373	0.430	0.578	3.58	1.33E	17
18	3.84	2.80	39.7	128	38.8	3.88	2.07	0.377	0.428	0.542	2.88	1.30E	18
19	3.85	2.88	38.8	129	33.9	3.85	2.19	0.382	0.424	0.517	2.98	1.28E	19
20	3.88	2.88	38.9	129	31.4	3.88	2.28	0.380E	0.424	0.583	3.72	1.25E	20
21	3.38	2.95	38.3	125	28.9	3.49	2.18	0.400E	0.434	0.627	4.39	1.23E	21
22	3.38	2.92	31.8	121	28.1	2.72	2.21	0.382E	0.486	0.844	3.87	1.20E	22
23	3.33	2.81	28.8	118	27.1	18.3	2.21	0.380E	0.487	0.606	3.51	1.18E	23
24	3.18	2.71	28.7	114	23.8	83.6	2.28	0.388E	0.447	0.588	3.28	1.15E	24
25	3.08	2.74	27.8	110	18.7	102	2.31	0.383E	0.430	0.842	2.98	1.14E	25
26	3.10	2.81	27.2	90.7	18.3	104	2.35	0.380E	0.428	0.629	2.85	1.13E	26
27	3.11	2.75	27.1	29.4	17.3	102	2.38	0.377E	0.424	0.588	2.88	1.12E	27
28	3.03	2.63	30.6	24.7	18.8	86.8	2.40	0.370E	0.426	0.484	3.88	1.10E	28
29	2.87		82.0	24.8	18.2	72.2	2.42	0.388A	0.438	0.571	3.83	1.10E	29
30	3.03		83.2	28.8	18.8	7.21	2.41	0.448	0.448	0.580	3.88	1.09E	30
31	3.08		88.8		20.8		2.48	0.431		0.500		1.09E	31
TOTAL	111.23	80.88	880.18	3 227.8	785.4	625.34	73.83	34.808	13.041	16.333	83.884	49.05	TOTAL
MEAN	3.88	2.88	27.7	108	25.7	27.8	2.37	1.12	0.435	0.527	2.08	1.88	MEAN
MAX	4.22	3.08	88.8	137	40.8	104	2.18	2.88	0.588	0.844	4.39	3.17	MAX
MIN	2.87	2.63	2.63	28.8	18.2	2.72	2.07	0.388	0.374	0.452	0.508	1.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.8
MAXIMUM DAILY, 137 ON APR 11
MINIMUM DAILY, 0.388A ON AUG 28
MAXIMUM INSTANTANEOUS,
138 AT 18:47 EST ON APR 12

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 03 48 N
LONG 78 47 12 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 610	JUL	6 380
FEB	8 890	AUG	2 890
MAR	74 300	SEP	1 130
APR	278 000	OCT	1 410
MAY	88 700	NOV	5 410
JUN	71 300	DEC	4 240

TOTAL DISCHARGE, 631 000 dam³

MOOREFIELD CREEK NEAR ROTHSAY - STATION NO. 02SA043

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	0.078	0.7808	1
2	---	---	---	---	---	---	---	---	---	---	0.078	0.6008	2
3	---	---	---	---	---	---	---	---	---	---	0.081	0.4408	3
4	---	---	---	---	---	---	---	---	---	---	0.086	0.3708	4
5	---	---	---	---	---	---	---	---	---	---	0.078	0.3388	5
6	---	---	---	---	---	---	---	---	---	---	0.134	0.3008	6
7	---	---	---	---	---	---	---	---	---	---	0.194	0.2708	7
8	---	---	---	---	---	---	---	---	---	---	0.238	0.2508	8
9	---	---	---	---	---	---	---	---	---	---	0.288	0.2388	9
10	---	---	---	---	---	---	---	---	---	---	0.330	0.2208	10
11	---	---	---	---	---	---	---	---	---	---	0.278	0.2078	11
12	---	---	---	---	---	---	---	---	---	---	0.266	0.1988	12
13	---	---	---	---	---	---	---	---	---	---	0.234	0.1828	13
14	---	---	---	---	---	---	---	---	---	---	0.259	0.1738	14
15	---	---	---	---	---	---	---	---	---	---	1.17	0.1688	15
16	---	---	---	---	---	---	---	---	---	---	5.83	0.1628	16
17	---	---	---	---	---	---	---	---	---	---	4.82	0.1578	17
18	---	---	---	---	---	---	---	---	---	---	1.83	0.1538	18
19	---	---	---	---	---	---	---	---	---	---	0.936	0.1508	19
20	---	---	---	---	---	---	---	---	---	---	1.22	0.1498	20
21	---	---	---	---	---	---	---	---	---	---	2.00 B	0.1488	21
22	---	---	---	---	---	---	---	---	---	---	1.15 B	0.1478	22
23	---	---	---	---	---	---	---	---	---	---	0.8408	0.1458	23
24	---	---	---	---	---	---	---	---	---	---	0.4708	0.1438	24
25	---	---	---	---	---	---	---	---	---	---	0.420	0.1418	25
26	---	---	---	---	---	---	---	---	---	---	0.414	0.1408	26
27	---	---	---	---	---	---	---	---	---	---	0.483	0.1398	27
28	---	---	---	---	---	---	---	---	---	---	4.25	0.1398	28
29	---		---	---	---	---	---	---	---	---	3.60 B	0.1388	29
30	---		---	---	---	---	---	---	---	0.089A	1.35 B	0.1388	30
31	---		---		---		---	---		0.084		0.1848	31
TOTAL	---	---	---	---	---	---	---	---	---	---	33.004	7.085	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	1.10	0.228	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	5.83	0.780	MAX
MIN	---	---	---	---	---	---	---	---	---	---	0.078	0.138	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 48 00 N
LONG 80 43 01 W
DRAINAGE AREA, 88.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	2 850
JUN	---	DEC	810

REMARKS - STATION ACTIVATED OCTOBER 30 1989. MOOREFIELD CREEK ALSO REFERRED TO AS MALLEY RIVER

MOOSE CREEK AT LEVACK - STATION NO. 02CF013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4408	0.2308	0.2658	0.8908	1.62	0.122	0.621	0.384	0.710E	0.018	0.022	0.0618	1
2	0.5808	0.2128	0.2608	0.8108	1.54	0.288	0.127	0.847	0.850E	0.021	0.024	0.0608	2
3	0.5608	0.2068	0.2638	0.8708	1.46	0.384	0.071	0.787	0.890E	0.018	0.022	0.0608	3
4	0.5108	0.1708	0.2818	1.00 B	1.41	0.421	0.332	0.821	0.570E	0.017	0.024	0.0598	4
5	0.4608	0.0808	0.2858	1.16 B	1.45	0.805	0.592	0.916	0.550E	0.023	0.085	0.0588	5
6	0.4308	0.0408	0.2858	1.10 B	1.42	0.862	0.851	0.841	0.525E	0.031	0.219	0.0578	6
7	0.3808	0.0188	0.2828	1.04 B	1.31	1.07	0.998	0.792	0.510E	0.028	0.139	0.0568	7
8	0.8208	0.0168	0.2858	0.8708	1.30	1.20	0.784	0.789	0.500E	0.023	0.085	0.0568	8
9	0.4808	0.0158	0.2858	0.8408	1.03	1.19	0.700	0.757	0.720E	0.021	0.094	0.0558	9
10	0.4208	0.0148	0.2988	0.8008	0.212	0.823	0.854	0.735	0.780E	0.023	0.097	0.0548	10
11	0.3858	0.0138	0.2808	0.8708	0.149	0.628	0.544	0.724	0.880E	0.032	0.085	0.0548	11
12	0.3808	0.0128	0.2788	0.8458	0.123	0.440	0.544	0.795	0.870E	0.042	0.078	0.0538	12
13	0.3408	0.0128	0.2688	0.8258	0.103	0.149	0.562	0.818	0.820E	0.023	0.086	0.0528	13
14	0.3258	0.0118	0.2558	0.8108	0.152	0.078	0.537	0.837	0.585E	0.019	0.067	0.0518	14
15	0.3158	0.0168	0.3158	0.894	0.169	0.068	0.548	0.842	0.550E	0.024	0.063	0.0518	15
16	0.3108	0.024	0.3708	1.04	0.210	0.674	0.578	0.530	0.540E	0.037	0.077	0.0508	16
17	0.3028	0.1068A	0.407	1.58	0.251	2.17	0.598	0.542	0.520E	0.034	0.0768	0.0508	17
18	0.3008	0.224	0.384	1.70	0.283	2.25	0.784	0.564	0.038E	0.023	0.0758	0.0498	18
19	0.2808	0.383	0.340	1.59	0.260	1.69	0.982	0.467	0.033E	0.023	0.0748	0.0488	19
20	0.2708	0.3458	0.2958	1.63	0.310	1.65	0.972	0.369	0.030E	0.032	0.0738	0.0488	20
21	0.2688	0.3358	0.2658	1.65	0.391	1.61	0.475	0.327	0.026A	0.034	0.0728	0.0478	21
22	0.2658	0.3208	0.2608	1.69	0.388	1.50	0.218	0.385	0.025E	0.025	0.0708	0.0478	22
23	0.2588	0.2908	0.3258	1.53	0.328	1.54	0.114	0.481	0.023E	0.025	0.0688	0.0468	23
24	0.2508	0.2808	0.3208	1.59	0.305	1.55	0.041	0.494	0.022E	0.019	0.0688	0.0468	24
25	0.2188	0.3088	0.3188	1.74	0.288	1.24	0.071	0.489	0.020E	0.018	0.0678	0.0468	25
26	0.2108	0.3138	0.3308	1.85	0.383	1.18	0.286	0.462	0.018A	0.017	0.0658	0.0458	26
27	0.2158	0.3288	0.3808	1.97	0.380	1.24	0.478	0.373	0.035	0.021	0.0658	0.0448	27
28	0.2368	0.3208	0.7008	1.84	0.452	1.12	0.680	0.332	0.017	0.021	0.0648	0.0448	28
29	0.2398		1.30 B	1.73	0.582	0.815	0.530	0.382	0.017	0.033	0.0638	0.0438	29
30	0.2518		1.12 B	1.71	0.805	0.710	0.415	0.435A	0.018	0.018	0.0628	0.0438	30
31	0.2588		0.9808		0.208		0.388	0.550E		0.021		0.0428	31
TOTAL	10.883	4.827	12.297	38.884	19.246	29.489	18.022	18.895	10.772	0.781	2.189	1.875	TOTAL
MEAN	0.345	0.165	0.387	1.28	0.621	0.982	0.517	0.603	0.359	0.024	0.073	0.051	MEAN
MAX	0.580	0.383	1.30	1.97	1.62	2.25	0.998	0.921	0.880	0.042	0.219	0.061	MAX
MIN	0.210	0.011	0.208	0.810	0.103	0.078	0.041	0.327	0.017	0.018	0.022	0.042	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.482
MAXIMUM DAILY, 2.25 ON JUN 16
MINIMUM DAILY, 0.0118 ON FEB 14
MAXIMUM INSTANTANEOUS,
2.55 AT 16:32 EST ON JUN 17

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 38 08 N
LONG 81 33 35 W
DRAINAGE AREA, 40.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	823	JUL	1 380
FEB	400	AUG	1 820
MAR	1 080	SEP	931
APR	3 340	OCT	64.9
MAY	1 880	NOV	180
JUN	2 550	DEC	136

TOTAL DISCHARGE, 14 300 dam³

MOOSE RIVER ABOVE MOOSE RIVER - STATION NO. 04LC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2600	2770	2760	1850	1 9500	2 140	810	255	2660	121	597	4850	1
2	1800	2700	2460	1590	2 3000	1 870	841	226	2700	158	848	4400	2
3	2400	2720	2850	1850	2 8500	1 910	892	226	2620	150	734	3800	3
4	2950	2820	2820	2300	3 0008	1 720	878	225	2620	157	798	3950	4
5	2800	2200	1900	1860	3 3008	1 720	494	250	2650	181	813	3700	5
6	2900	2540	1880	2250	3 9008	1 550	550	2250	1950	158	800	3820	6
7	2950	2760	2470	2350	4 430	1 840	483	2000	1821	203	739	3800	7
8	2460	2580	2460	2200	4 500	1 730	485	1700	1420	188	854	3588	8
9	2440	2820	2500	2250	4 240	1 640	364	3200	1700	189	897	3550	9
10	2820	2800	1760	2100	3 850	1 920	293	3750	2000	191	883	3305	10
11	2600	2620	2500	2500	3 750	1 880	475	3800	1770	208	854	3488	11
12	3000	2380	3000	2500	3 580	1 480	384	3400	182	234	947	3500	12
13	3000	2120	1780	2655	3 580	1 440	438	3200	201	230	954	3408	13
14	2620	2280	2400	2800	3 720	1 510	800	3150	188	272	940	3388	14
15	2300	2800	2380	2700	3 840	1 370	582	2850	252	198	920	3309	15
16	2350	2700	2380	2700	3 880	1 270	508	2800	206	188	814	3288	16
17	2700	2650	2660	2800	3 670	1 100	508	2800	188	210	7208	3800	17
18	2778	2820	2900	3100	3 800	1 030	511	2400	138	185	6108	3800	18
19	2620	1900	2900	2900	3 510	893	381	2650	178	211	4108	3408	19
20	2650	1850	2680	3050	3 380	958	359	2750	182	202	4108	3108	20
21	2850	2650	2650	3150	3 180	908	336	2800	184	212	5008	3208	21
22	3200	2500	2378	3100	3 340	887	346	2200	178	177	5708	3008	22
23	3048	2620	2700	3650	4 110	836	286	1880	168	183	5008	3108	23
24	2820	2520	2600	4200	4 300	793	254	1950	108	232	5950	1900	24
25	2700	2530	2480	5200	4 190	711	289	2200	121	314	5859	2100	25
26	2800	1900	2400	5500	3 790	732	248	2700	148	345	4808	1448	26
27	2700	1880	2350	6008	3 570	719	278	2650	143	350	4308	2058	27
28	2788	2650	2658	1 0008	3 340	707	309	2600	140	420	4908	2900	28
29	2050		2450	1 2508	3 090	694	314	2700	157	484	4958	2408	29
30	2308		2478	1 5508	2 770	893	182	2600	177	532	4808	2900	30
31	2658		2408		2 470		183	2630		801		2209	31
TOTAL	8 143	6 879	7 821	11 986	105 400	38 682	12 862	8 103	5 615	7 700	20 808	9 828	TOTAL
MEAN	263	246	248	400	3 530	1 290	415	261	187	248	887	317	MEAN
MAX	300	290	295	1 550	4 500	2 140	841	375	270	801	954	485	MAX
MIN	180	190	175	155	1 850	893	183	170	108	121	410	144	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 678
MAXIMUM DAILY, 4 500 ON MAY 6
MINIMUM DAILY, 108 ON SEP 24
MAXIMUM INSTANTANEOUS,
4 610 AT 12 30 EST ON MAY 6

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 36 N
LONG 81 27 30 W
DRAINAGE AREA, 80 100 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	704 000	JUL	1 110 000
FEB	603 000	AUG	700 000
MAR	658 000	SEP	485 000
APR	1 040 000	OCT	885 000
MAY	9 450 000	NOV	1 780 000
JUN	3 340 000	DEC	849 000

TOTAL DISCHARGE, 21 400 000 dam³

MUSKOKA RIVER AT HIGHWAY NO. 69 - STATION NO. 02EB012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	59.2	78.6	76.8	95.1	75.9	56.0	82.8	2.74	9.15	32.0	31.8	92.0	1
2	58.5	78.7	78.0	94.8	74.8	54.9	82.0	8.44	8.15	31.4	12.8	88.7	2
3	60.8	78.8	85.4	94.3	49.5	54.3	82.2	1.83	8.30	31.2	18.2	88.4	3
4	54.3	74.1	81.8	95.3	51.1	54.0	57.6	3.32A	7.15	27.9	21.8	85.3	4
5	63.0	74.0	92.6	98.0	54.4	49.2	59.0	2.87	8.26	28.8	21.0	89.1	5
6	65.8	73.3	92.5	93.5	58.0	48.5	37.8	4.26	8.69	29.3	20.8	95.3	6
7	65.3	86.8	87.2	88.9	60.2	50.7	35.8	2.51	8.10	28.1	21.8	98.3	7
8	65.5	70.2	78.7	89.1	67.2	50.4	38.2	2.84A	6.80	30.1	18.8	98.4	8
9	60.9	71.4	82.1	92.9	69.7	52.8	36.1	4.58	7.88	32.1	25.9	100	9
10	60.7	70.7	86.8	92.5	76.2	48.7	33.7	7.80	8.80	28.8	18.5	101	10
11	73.9	72.8	92.3	92.7	77.0	48.8	28.8	4.87	5.37	30.5	25.3	88.2	11
12	74.1	78.3	92.8	92.5	83.4	51.8	20.4	8.11	4.96	28.7	23.0	88.8	12
13	84.5	78.3	92.0	92.5	93.8	53.1	14.4	8.10	6.52	30.8	23.6	85.8	13
14	84.5	71.2	93.0	92.8	93.2	53.3	7.67	4.84	6.22	30.0	24.1	84.4	14
15	83.9	72.1	92.8	92.5	97.5	56.0	8.88	8.87	6.21	21.8	21.8	83.1	15
16	82.8	72.6	92.5	92.7	109	54.2	4.69	5.62	6.24	27.5	31.0	87.8	16
17	82.4	88.8	93.3	93.5	110	54.8	8.85	4.87	6.80	28.1	28.2	88.4	17
18	84.3	70.1	93.5	93.4	113	55.8	1.75 A	4.87	6.77	30.7	25.8	81.5	18
19	85.1	87.7	93.3	92.8	129	55.4	2.88 A	7.92	7.12	28.8	32.4	78.8	19
20	85.8	86.8	93.2	92.4	123	73.2	3.90	7.14	5.74	31.1	38.0	87.2	20
21	88.0	73.5	93.4	92.3	118	83.0	2.90	2.93	6.86	31.5	31.1	73.1	21
22	85.7	74.4	83.0	92.1	117	87.1	3.41	8.18	17.0	26.3	39.2	88.5	22
23	85.8	78.8	82.2	91.8	116	91.2	1.38 A	6.08	37.6	32.1	47.8	72.5	23
24	85.9	80.4	82.4	91.4	111	78.8	0.804E	4.23	36.5	33.8	84.8	67.3	24
25	83.3	78.7	82.3	91.8	112	78.4	0.905E	8.20	34.1	29.2	77.1	84.5	25
26	80.5	78.6	82.6	93.9	116	80.3	2.47 A	8.70	35.8	28.7	75.5	88.3	26
27	82.2	78.7	82.9	111	114	78.8	2.78	8.42	33.5	27.3	70.8	84.0	27
28	81.3	77.7	85.3	88.8	111	78.8	1.06 A	5.18	31.5	27.3	78.8	88.1	28
29	80.7		101	78.8	110	82.3	0.810E	10.3	34.0	21.8	87.3	84.6	29
30	80.7		88.1	74.8	84.5	82.0	3.29 A	8.82	32.1	26.8	88.8	87.0	30
31	78.4		88.8		85.8		2.04	1.88A		23.2		82.8	31
TOTAL	2 315.3	2 085.8	2 821.8	2 782.2	2 841.8	1 934.5	897.488	171.52	444.87	880.8	1 131.4	2 889.5	TOTAL
MEAN	74.7	73.8	91.0	92.1	91.7	64.5	18.3	8.53	14.8	28.4	37.7	93.8	MEAN
MAX	88.1	80.4	101	111	129	91.2	82.8	10.3	37.8	32.1	88.8	101	MAX
MIN	54.3	88.8	78.8	74.8	49.5	48.2	0.804	1.88	4.95	21.8	12.8	82.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 58.2
MAXIMUM DAILY, 129 ON MAY 19
MINIMUM DAILY, 0.804E ON JUL 24
MAXIMUM INSTANTANEOUS,
145 AT 14:32 EST ON MAY 19

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 01 30 N
LONG 79 48 30 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	200 000	JUL	51 800
FEB	178 000	AUG	14 800
MAR	244 000	SEP	38 400
APR	238 000	OCT	78 100
MAY	246 000	NOV	97 800
JUN	167 000	DEC	221 000

TOTAL DISCHARGE, 1 770 000 dam³

MUSKOKA RIVER BELOW BALA - STATION NO. 02EB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	83.4	82.7	79.4	172	102	78.5	88.1	5.25	9.81	32.5	22.1	85.3	1
2	80.7	81.7	80.6	178	101	76.4	84.9	11.3	8.83	31.9	13.1	82.8	2
3	84.8	78.5	88.1	186	78.1	75.1	85.0	4.57	8.73	31.7	18.8	82.1	3
4	86.3	77.0	84.4	196	77.8	74.4	80.3	8.10	7.88	28.4	23.4	87.8	4
5	86.9	76.9	85.3	209	79.2	89.5	58.5	5.46	8.85	29.3	21.6	91.4	5
6	59.6	76.2	86.9	217	83.9	70.1	40.5	7.03	7.27	29.8	21.3	87.4	6
7	58.9	71.7	112	218	86.4	71.5	38.3	5.30	8.47	29.8	22.9	101	7
8	60.5	73.3	105	223	84.8	70.1	38.7	5.82	8.28	30.8	19.7	100	8
9	64.8	74.4	107	227	85.4	67.6	38.5	7.48	8.33	32.6	28.7	102	9
10	84.7	73.6	116	229	101	65.1	38.0	8.78	7.17	27.3	18.5	103	10
11	77.7	75.8	120	230	100	64.7	28.1	5.26	8.89	31.1	28.5	101	11
12	77.5	79.3	120	230	105	66.3	22.8	8.52	8.38	26.2	33.1	88.1	12
13	88.3	78.3	117	228	118	67.1	18.5	6.47	6.92	31.0	34.5	87.4	13
14	88.2	74.2	116	226	118	67.2	9.89	4.92	6.82	30.5	25.0	85.8	14
15	87.9	75.1	121	225	125	59.8	8.81	8.95	8.80	32.3	23.0	84.5	15
16	86.6	75.5	123	223	147	57.8	8.83	5.80	8.65	28.1	33.5	89.0	16
17	86.1	69.4	133	224	151	66.5	8.86	9.04	9.03	29.7	29.8	87.7	17
18	87.8	72.9	133	222	152	70.6	3.83	5.25	7.20	31.3	29.7	82.8	18
19	88.6	70.6	132	222	163	70.0	8.16	8.30	7.84	30.1	35.6	77.1	19
20	89.2	69.6	130	221	164	76.9	8.16	7.52	8.18	31.7	42.7	88.8	20
21	89.6	76.5	128	217	148	86.5	8.08	3.33	10.0	32.1	36.5	74.3	21
22	89.1	77.3	125	213	146	89.8	8.82	8.88	17.5	26.8	43.1	86.7	22
23	89.1	81.7	121	210	143	110	3.59	8.48	36.1	32.7	51.4	74.1	23
24	88.1	83.1	121	206	136	172	3.18	4.82	37.0	24.3	86.1	88.4	24
25	88.4	81.4	120	202	131	180	3.21	8.68	34.5	29.7	80.1	85.8	25
26	83.6	79.8	120	195	133	184	4.82	6.06	36.0	29.3	78.4	70.4	26
27	85.3	79.5	120	140	131	182	5.15	5.80	33.9	27.8	73.5	68.1	27
28	84.2	80.3	126	111	128	175	3.46	5.55	31.9	27.8	83.6	67.2	28
29	83.7		163	101	126	156	3.33	10.7	34.4	32.2	81.1	67.9	29
30	83.7		161	100	111	89.2	4.70	8.27	32.8	36.2	93.4	68.1	30
31	82.5		165		78.4		4.50	1.99		33.7		63.9	31
TOTAL	2 427.6	2 147.0	3 681.7	5 891	3 636.0	2 760.0	671.28	206.18	457.80	897.3	1 184.4	2 808.2	TOTAL
MEAN	78.3	76.7	118	200	117	92.0	21.7	6.65	15.3	28.8	38.8	84.2	MEAN
MAX	89.6	83.1	165	230	163	184	86.1	11.3	36.1	32.7	93.4	103	MAX
MIN	58.3	69.4	79.4	100	78.1	64.7	3.18	1.99	5.38	22.3	13.1	63.9	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 73.1
MAXIMUM DAILY, 230 ON APR 11
MINIMUM DAILY, 1.99 ON AUG 31

TYPE OF GAUGE -
LOCATION - LAT N
LONG W
DRAINAGE AREA, 4 770 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	210 000	JUL	58 000
FEB	186 000	AUG	17 800
MAR	318 000	SEP	39 500
APR	518 000	OCT	77 500
MAY	314 000	NOV	103 000
JUN	235 000	DEC	226 000

TOTAL DISCHARGE, 2 300 000 dam³

REMARKS - DAILY DISCHARGE OBTAINED BY SUMMATION OF FLOWS AT 02EB011 AND 02EB012

MUSWABIK RIVER AT OUTLET OF MUSWABIK LAKE - STATION NO. 04GF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.358	2.188	1.458	1.108	4.058	82.8	13.0	5.18	8.29	4.46	13.7 B	5.058	1
2	4.209	2.158	1.438	1.108	5.358	69.2	11.5	8.21	8.26	8.32	11.7 B	4.808	2
3	4.058	2.128	1.418	1.108	7.408	54.5	13.0	7.21	7.31	7.87	11.3 B	4.608	3
4	3.908	2.088	1.408	1.108	12.0 B	53.1	10.3	7.16	6.96	4.86	10.9 B	4.458	4
5	3.808	2.058	1.388	1.108	20.0 B	45.8	10.8	8.02	7.52	4.84	10.7 B	4.308	5
6	3.658	2.028	1.378	1.088	31.4 B	46.4	11.1	9.42	7.94	8.91	10.5 B	4.108	6
7	3.578	1.998	1.368	1.088	47.5 B	44.3	12.3	8.12	8.29	8.87	10.4 B	3.958	7
8	3.608	1.958	1.348	1.088	58.2	41.2	14.4	8.81	7.80	8.14	10.3 B	3.808	8
9	3.428	1.828	1.338	1.088	71.6	38.3	15.0	8.29	7.97	8.16	10.1 B	3.658	9
10	3.338	1.908	1.318	1.088	77.4	37.5	16.9	10.6	7.28	10.8	10.0 B	3.508	10
11	3.278	1.888	1.308	1.088	78.7	34.8	16.4	11.2	7.40	11.1	9.908	3.408	11
12	3.208	1.858	1.298	1.088	81.6	30.5	16.2	10.9	7.24	14.0	9.708	3.258	12
13	3.138	1.828	1.288	1.088	81.8	28.7	15.0	11.8	8.71	16.7	9.308	3.158	13
14	3.038	1.798	1.278	1.088	83.5	28.1	14.7	11.0	8.86	16.8	8.908	3.068	14
15	2.978	1.768	1.268	1.088	84.3	26.1	14.4	11.8	8.63	16.8	8.808	2.968	15
16	2.928	1.748	1.258	1.078	83.9	22.0	13.3	11.4	8.98	17.4	8.308	2.858	16
17	2.868	1.728	1.248	1.078	82.9	20.4	12.4	10.5	8.14	16.8	8.108	2.778	17
18	2.808	1.708	1.238	1.078	80.1	18.8	12.4	9.80	3.20	16.5	8.008	2.708	18
19	2.758	1.688	1.228	1.078	78.5	17.5	10.8	9.48	4.93	14.8	7.908	2.828	19
20	2.708	1.668	1.218	1.068	77.0	16.8	9.78	11.8	5.29	15.9	7.708	2.668	20
21	2.658	1.648	1.208	1.118	81.1	12.3	8.90	10.2	5.84	16.4	7.608	2.488	21
22	2.608	1.618	1.188	1.158	81.8	12.1	8.76	10.8	9.83	13.8	7.308	2.428	22
23	2.558	1.588	1.178	1.218	84.0	12.7	7.91	10.8	10.2	14.1	7.108	2.378	23
24	2.508	1.558	1.168	1.308	84.2	13.8	7.40	9.45	2.78	13.7	8.758	2.328	24
25	2.458	1.548	1.158	1.458	82.2	13.2	7.19	9.83	5.09	13.1	8.508	2.288	25
26	2.408	1.528	1.148	1.708	83.7	12.4	7.00	8.77	8.00	13.0	8.258	2.228	26
27	2.368	1.508	1.138	1.958	80.7	13.1	7.61	9.05	3.20	11.8	8.958	2.168	27
28	2.328	1.488	1.128	2.408	76.7	13.6	8.24	8.72	4.82	12.1	8.708	2.118	28
29	2.288		1.118	2.758	73.9	12.9	8.83	8.75	8.14	12.8	8.458	2.078	29
30	2.258		1.118	3.158	70.3	12.6	8.46	9.39	3.69	13.3	8.258	2.038	30
31	2.228		1.108		67.4		4.89	8.39		13.5 B		2.008	31
TOTAL	83.97	50.39	38.80	39.68	2 022.00	849.3	341.74	282.85	185.90	374.22	259.78	95.84	TOTAL
MEAN	3.03	1.80	1.25	1.33	65.2	28.3	11.0	9.44	6.20	12.1	8.66	3.08	MEAN
MAX	4.36	2.18	1.46	3.16	84.3	82.8	16.9	11.8	10.2	17.4	13.7	5.05	MAX
MIN	2.22	1.48	1.10	1.07	4.05	12.1	4.89	5.18	2.78	4.46	5.25	2.00	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.7
MAXIMUM DAILY, 84.3 ON MAY 15
MINIMUM DAILY, 1.078 ON APR 16
MAXIMUM INSTANTANEOUS,
86.7 AT 17:27 EST ON MAY 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 31 32 N
LONG 85 04 13 W
DRAINAGE AREA, 1 590 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 120	JUL	29 500
FEB	4 380	AUG	26 300
MAR	3 380	SEP	18 100
APR	3 450	OCT	32 300
MAY	175 000	NOV	22 400
JUN	73 400	DEC	8 290

TOTAL DISCHARGE, 402 000 dam³

NAGAGAMI RIVER AT HIGHWAY NO. 11 - STATION NO. 04JC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.7 B	9.388	5.708	5.758	30.08	82.2	16.2	8.34	7.45	4.40	7.83	8.108	1
2	14.4 B	9.208	5.858	7.008	37.08	77.0	15.5	8.20	7.18	4.88	7.858	7.958	2
3	14.1 B	9.058	5.458	7.308	46.08	76.2	14.9	8.37	6.98	5.61	7.808	7.758	3
4	13.8 B	8.908	5.358	7.508	57.78	70.6	14.2	7.24	6.78	6.78	8.008	7.558	4
5	13.7 B	8.758	5.308	7.858	73.68	65.6	13.4	7.84	6.83	6.87	8.81	7.408	5
6	13.6 B	8.858	5.108	7.808	78.1	61.0	13.0	10.6	8.86	8.83	8.74	7.308	6
7	13.5 B	8.608	5.008	7.958	76.9	57.6	12.4	12.7	8.87	7.48	10.3	7.158	7
8	13.4 B	8.388	4.858	8.108	82.6	53.6	11.8	12.4	8.33	7.75	10.5	7.058	8
9	13.3 B	8.208	4.708	8.308	90.3	50.3	11.4	11.7	8.20	7.98	11.8	6.958	9
10	13.2 B	8.088	4.858	8.508	97.7	47.7	13.8	11.2	8.87	7.70	13.3	6.858	10
11	13.1 B	7.858	4.608	8.608	105	45.0	13.0	10.8	8.88	8.03	14.1	6.708	11
12	13.0 B	7.808	4.858	8.708	113	42.0	12.1	10.1	8.83	8.02	14.8	6.828	12
13	12.8 B	7.858	4.558	8.808	126	39.2	11.3	9.81	8.48	8.12	13.4 B	6.858	13
14	12.6 B	7.508	4.808	8.858	137	36.8	10.5	9.32	8.42	7.88	12.2 B	6.808	14
15	12.8 B	7.408	4.808	9.108	141	35.1	10.1	9.06	8.44	7.82	11.1 B	6.428	15
16	12.4 B	7.308	4.608	9.258	143	33.4	9.88	8.80	8.40	7.18	10.2 B	6.388	16
17	12.2 B	7.208	4.608	9.508	144	31.8	9.48	8.78	8.02	8.84	10.6 B	6.308	17
18	12.0 B	7.068	4.558	9.708	145	30.2	9.48	8.83	4.87	8.71	11.4 B	6.248	18
19	11.8 B	6.858	4.508	9.808	144	28.8	9.13	8.44	4.88	8.85	12.1 B	6.148	19
20	11.6 B	6.608	4.458	10.2 B	143	27.2	8.82	8.86	4.85	8.83	12.2 B	6.138	20
21	11.4 B	6.678	4.408	10.6 B	156	25.8	8.19	9.28	4.88	8.67	11.6 B	6.088	21
22	11.2 B	6.558	4.408	11.1 B	152	24.0	8.19	9.08	4.82	8.30	11.3 B	6.018	22
23	11.0 B	6.458	4.408	11.6 B	145	22.8	7.87	8.87	5.08	8.14	13.4 B	5.988	23
24	10.7 B	6.358	4.408	12.8 B	140	21.8	7.68	8.52	5.18	8.44	10.3 B	5.958	24
25	10.5 B	6.308	4.458	14.2 B	132	21.0	7.49	8.17	5.03	8.45	9.908	5.908	25
26	10.3 B	6.208	4.508	16.1 B	125	19.9	7.68	8.01	5.85	8.49	9.508	5.868	26
27	10.1 B	6.088	4.708	18.8 B	118	19.0	8.47	7.85	5.14	8.53	9.108	5.888	27
28	10.0 B	5.858	4.988	20.6 B	110	18.1	8.03	7.82	4.86	8.55	8.808	5.849	28
29	9.908		5.508	21.8 B	103	17.2	7.26	7.46	5.05	8.64	8.558	5.829	29
30	9.708		5.058	24.8 B	95.8	16.8	6.91	7.43	4.83	8.72	8.358	5.808	30
31	9.558		4.458		85.4		6.83	7.83		8.82		5.788	31
TOTAL	376.55	211.12	161.38	331.95	3 376.8	1 196.2	324.58	274.11	189.82	212.48	315.33	202.82	TOTAL
MEAN	12.1	7.54	4.88	11.1	109	39.9	10.5	8.84	6.88	8.85	10.5	6.55	MEAN
MAX	14.7	9.38	5.45	24.8	155	82.2	16.2	12.7	7.45	8.12	14.8	8.10	MAX
MIN	9.55	5.85	4.40	5.75	30.0	16.8	6.83	6.30	4.88	4.40	7.50	5.78	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.8
MAXIMUM DAILY, 155 ON MAY 31
MINIMUM DAILY, 4.408 ON MAR 21
MAXIMUM INSTANTANEOUS,
157 AT 12:55 EST ON MAY 31

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 44 N
LONG 84 31 48 W
DRAINAGE AREA, 2 410 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	32 500	JUL	26 000
FEB	18 200	AUG	23 700
MAR	13 100	SEP	16 700
APR	28 600	OCT	18 400
MAY	282 000	NOV	27 200
JUN	103 000	DEC	17 500

TOTAL DISCHARGE, 617 000 dam³

NAMAKAN LAKE ABOVE KETTLE FALLS DAM - STATION NO. 05PA003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	339.487	339.181	338.788	338.438	339.568	340.368	340.885	340.733	340.774	340.628	340.494	340.184	1
2	339.484	339.148	338.778	338.438	339.627	340.363	340.885	340.732	340.778	340.629	340.488	340.178	2
3	339.472	339.131	338.763	338.438	339.681	340.359	340.878	340.774	340.775	340.623	340.489	340.171	3
4	339.468	339.118	338.750	338.438	339.734	340.346	340.874	340.808	340.802	340.618	340.483	340.160	4
5	339.460	339.100	338.737	338.438	339.784	340.343	340.878	340.807	340.808	340.623	340.486	340.152	5
6	339.437	339.088	338.720	338.448	339.830	340.378	340.885	340.801	340.813	340.620	340.478	340.138	6
7	339.431	339.074	338.706	338.455	339.888	340.423	340.887	340.797	340.814	340.808	340.472	340.127	7
8	339.432	339.064	338.687	338.471	339.842	340.488	340.883	340.788	340.808	340.805	340.488	340.117	8
9	339.418	339.048	338.682	338.482	339.808	340.514	340.878	340.781	340.793	340.808	340.483	340.110	9
10	339.408	339.035	338.670	338.491	340.050	340.556	340.888	340.785	340.778	340.808	340.481	340.102	10
11	339.383	339.025	338.658	338.504	340.105	340.583	340.844	340.780	340.771	340.607	340.447	340.080	11
12	339.366	339.006	338.648	338.513	340.145	340.632	340.833	340.793	340.776	340.605	340.423	340.079	12
13	339.375	338.997	338.639	338.521	340.173	340.683	340.822	340.805	340.788	340.594	340.412	340.068	13
14	339.363	338.984	338.626	338.527	340.208	340.689	340.806	340.808	340.788	340.595	340.402	340.059	14
15	339.353	338.972	338.611	338.550	340.237	340.701	340.798	340.812	340.760	340.591	340.392	340.051	15
16	339.339	338.958	338.600	338.578	340.244	340.709	340.788	340.815	340.741	340.582	340.377	340.043	16
17	339.329	338.948	338.586	338.614	340.263	340.713	340.776	340.814	340.730	340.576	340.367	340.037	17
18	339.320	338.929	338.575	338.652	340.262	340.717	340.768	340.811	340.728	340.570	340.358	340.028	18
19	339.311	338.916	338.563	338.698	340.274	340.713	340.763	340.807	340.712	340.565	340.344	340.012A	19
20	339.300	338.904	338.549	338.748	340.283	340.707	340.758	340.804	340.702	340.558	340.333	340.010A	20
21	339.287	338.880	338.533	338.808	340.284	340.723	340.748	340.788	340.701	340.553	340.312	339.988A	21
22	339.277	338.874	338.520	338.862	340.301	340.764	340.736	340.804	340.688	340.548	340.298	339.952A	22
23	339.268	338.868	338.506	338.888	340.310	340.775	340.721	340.787	340.683	340.541	340.285	339.938A	23
24	339.260	338.845	338.488	339.061	340.315	340.785	340.711	340.780	340.662	340.534	340.276	339.936A	24
25	339.239	338.840	338.481	339.138	340.346	340.788	340.709	340.781	340.868	340.534	340.263	339.927A	25
26	339.231	338.828	338.487	339.220	340.360	340.816	340.709	340.774	340.853	340.531	340.252	339.911A	26
27	339.217	338.814	338.482	339.300	340.339	340.824	340.694	340.786	340.848	340.528	340.238	339.903A	27
28	339.210	338.805	338.468	339.373	340.346	340.815	340.703	340.782	340.839	340.516	340.230	339.894A	28
29	339.198		338.448	339.437	340.350	340.824	340.708	340.780	340.831	340.513	340.217	339.881A	29
30	339.186		338.454	339.504	340.368	340.847	340.715	340.774	340.834	340.508	340.207	339.871A	30
31	339.173		338.447		340.368		340.722	340.771		340.500		339.863A	31
MEAN	339.338	339.077	338.600	338.738	340.128	340.831	340.783	340.780	340.724	340.575	340.374	340.031	MEAN
MAX	339.487	339.181	338.788	339.504	340.368	340.847	340.885	340.815	340.814	340.629	340.488	340.184	MAX
MIN	339.173	338.805	338.447	338.438	339.568	340.343	340.694	340.732	340.631	340.500	340.207	339.863	MIN

WATER LEVELS IN METRES

MEAN, 339.982
MAXIMUM DAILY, 340.885 ON JUL 6
MINIMUM DAILY, 338.438 ON APR 3
MAXIMUM INSTANTANEOUS,
340.932 AT 23:33 CST ON JUL 5

WATER LEVELS ARE REFERRED TO UNITED STATES COAST AND GEODETIC SURVEY DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 30 00 N
LONG 92 36 20 W

A - MANUAL GAUGE

REGULATED SINCE 1914

NAMAKAN RIVER AT OUTLET OF LAC LA CROIX - STATION NO. 05PA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	120	102	80.2	83.2	185	273	250	132	74.1	57.5	49.8	41.2	1
2	120	101	78.4	83.4	174	288	261	128	72.8	57.8	48.5	40.8	2
3	120	100	78.5	83.4	184	284	260	130	71.8	57.8	49.2	40.8	3
4	119	98.8	77.8	83.4	194	289	260	131	73.1	57.8	49.0	40.8	4
5	118	98.8	77.0	83.8	203	287	249	127	73.0	58.3	48.4	40.8	5
6	118	97.7	78.3	84.1	218	283	250	123	72.5	57.5	47.4	40.1	6
7	117	96.8	75.5	84.7	229	282	248	120	70.6	57.8	47.8	40.0	7
8	117	95.8	74.8	86.3	238	248	248	118	69.1	58.0	47.8	39.7	8
9	118A	95.7	74.4	86.3	248	247	242	114	68.1	57.8	47.3	39.7	9
10	116	94.9	73.7	86.8	259	244	238	111	67.1	57.8	47.1	39.6	10
11	114A	93.7	73.1	87.3	268	242	236	106	66.8	57.8	46.7	39.5	11
12	114	92.8	72.4	87.9	278	242	231	105	66.8	58.8	46.8	39.5	12
13	114A	92.1	71.7	88.7	282	249	226	106	66.2	57.4	47.0	39.3	13
14	114	91.3	71.0	89.4	287	252	222	106	65.3	56.9	46.8	39.3	14
15	112	91.2	70.2	70.8	293	254	218	102	64.8	57.1	46.3	39.2	15
16	111A	90.0	69.4	71.8	297	254	212	100	63.9	58.4	45.2	39.1	16
17	111	89.0	68.7	73.8	298	253	207	98.5	63.8	58.0	45.1	38.9	17
18	111	88.1	67.9	78.0	301	251	203	96.0	62.8	58.4	45.0	38.7	18
19	111	87.2	67.2	78.6	303	250	199	93.4	61.9	58.0	44.6	38.5	19
20	111	86.4	66.5	81.7	301	248	193	90.6	61.5	64.9	43.0	38.3A	20
21	110	85.4	65.6	85.7	301	247	189	89.3	62.5	64.2	43.8	38.7	21
22	109	84.5	65.0	90.9	301	248	183	89.1	61.9	63.9	43.7	38.8	22
23	108	83.6	64.7	96.8	300	247	178	87.7	62.1	63.3	43.7	38.8	23
24	108	83.3	63.9	104	298	245	172	85.8	61.6	63.1	43.8	38.2	24
25	107	83.4	63.4	112	294	245	168	83.1	60.0	62.9	43.1	38.8	25
26	107	82.8	62.6	120	288	245	160	81.0	60.3	62.6	42.8	38.8	26
27	106	81.2	62.5	129	288	242	155	78.6	58.9	61.9	42.3	38.8	27
28	105	80.9	62.8	137	285	243	150	78.1	58.2	61.2	41.7	38.9	28
29	104		62.8	148	284	244	145	77.3	58.3	61.0	41.4	38.9	29
30	103		63.4	158	281	248	140	78.4	58.2	60.9	41.1	38.9	30
31	102		63.3		277		136	78.8		60.8		38.8	31
TOTAL	3 471	2 548.2	2 166.8	2 547.7	8 217	7 617	6 393	3 139.8	1 958.4	1 717.0	1 384.4	1 183.8	TOTAL
MEAN	112	91.0	69.9	84.9	265	254	206	101	65.3	55.4	45.5	38.5	MEAN
MAX	120	102	80.2	158	303	273	261	132	74.1	64.9	49.8	41.2	MAX
MIN	102	80.9	62.5	83.2	185	242	136	78.8	58.2	60.8	41.1	38.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 116
MAXIMUM DAILY, 303 ON MAY 19
MINIMUM DAILY, 38.7 ON DEC 31
MAXIMUM INSTANTANEOUS,
309 AT 19:32 CST ON MAY 24

SUMMARY FOR THE YEAR 1969

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 23 00 N
LONG 93 10 40 W
DRAINAGE AREA, 13 400 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	300 000	JUL	552 000
FEB	220 000	AUG	271 000
MAR	187 000	SEP	169 000
APR	220 000	OCT	148 000
MAY	710 000	NOV	115 000
JUN	648 000	DEC	103 000

TOTAL DISCHARGE, 3 650 000 dam³

MANTICOKE CREEK AT MANTICOKE - STATION NO. 02GC022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.30 B	1.60 B	0.7308	5.60	0.781	0.618	0.550	0.181	0.186	0.340	0.576	1.70 B	1
2	2.18 B	1.45 B	0.7208	4.63	0.842	2.77	0.444	0.161	0.223	0.316	0.567	0.8008	2
3	2.00 B	1.30 B	0.7208	5.47	0.811	2.19	0.378	0.144	0.188	0.288	0.563	0.6408	3
4	1.83 B	1.20 B	0.7408	9.81	0.818	1.86	0.358	0.156	0.140	0.262	0.557	0.5408	4
5	1.85 B	1.10 B	3.10 B	7.81	0.807	1.26	0.330	0.153	0.113	0.297	0.560	0.5008	5
6	1.82 B	1.03 B	2.20 B	4.83	0.670	0.982	0.314	0.185	0.105	0.287	0.594	0.5608	6
7	1.80 B	0.9808	1.80 B	3.94	0.824	0.805	0.303	0.145	0.110	0.233	0.621	0.5008	7
8	2.65 B	0.9008	1.30 B	3.28	1.52	0.681	0.276	0.135	0.108	0.228	0.768	0.4908	8
9	2.30 B	0.8708	1.13 B	2.75	1.43	0.601	0.280	0.133	0.109	0.236	1.08	0.4878	9
10	2.00 B	0.8508	1.08 B	2.35	1.33	0.530	0.240	0.135	0.101	0.293	1.50	0.5088	10
11	1.70 B	0.8508	1.00 B	2.11	1.40	0.572	0.212	0.115	0.094	0.325	1.86	0.5008	11
12	1.78 B	0.8408	0.9808	1.85	2.38	0.606	0.188	0.119	0.085	0.331	2.07	0.4908	12
13	1.80 B	0.8808	0.8708	1.80	2.18	0.588	0.187	0.101	0.101	0.412	1.80	0.4708	13
14	1.48 B	1.18 B	1.03 B	1.93	1.81	0.602	0.161	0.0917	0.128	0.428	1.77	0.4608	14
15	1.30 B	1.30 B	1.20 B	2.08	1.96	0.705	0.128	0.103	0.185	0.378	3.78	0.4588	15
16	1.23 B	1.18 B	1.13 B	2.18	1.38	0.710	0.105	0.116	0.207	0.360	7.34	0.4508	16
17	1.18 B	1.00 B	1.08 B	2.20	1.18	0.684	0.089	0.126	0.380	0.378	5.44	0.4458	17
18	1.13 B	0.9008	1.15 B	2.65	1.06	0.693	0.092	0.086	0.267	0.376	4.37	0.4408	18
19	1.08 B	0.8408	1.60 B	2.29	0.907	0.644	0.093	0.092	0.184	0.443	4.20 B	0.4368	19
20	1.03 B	0.7908	2.50 B	1.89	0.882	0.976	0.197	0.086	0.148	0.828	5.60	0.4278	20
21	1.00 B	0.7808	2.10 B	1.74	0.908	0.603	0.187	0.039	0.141	1.18	5.86	0.4238	21
22	0.8808	0.7308	1.88 B	1.84	0.948	2.12	0.148	0.109	0.300	1.27	4.00 B	0.4208	22
23	0.9608	0.7138	1.80 B	1.38	0.877	3.43	0.139	0.109	1.69	1.20	3.00 B	0.4178	23
24	0.9308	0.7208	1.43 B	1.13	1.03	2.78	0.131	0.103	1.42	1.12	2.30 B	0.4148	24
25	0.9208	0.7258	2.00 B	0.928	0.992	1.90	0.113	0.089	1.80	1.00	1.95 B	0.4108	25
26	3.00 B	0.7408	2.30 B	0.952	1.23	1.14	0.130	0.091	1.01	0.943	1.79	0.4108	26
27	2.40 B	0.7608	2.60 B	0.906	0.883	1.08	0.233	0.089	0.883	0.810	1.61	0.4138	27
28	1.90 B	0.7708	3.50 B	0.909	0.788	1.06	0.412	0.190	0.648	0.720	3.06	0.4178	28
29	1.63 B		4.50 B	0.865	0.814	0.958	0.311	0.196	0.422	0.658	2.84	0.4308	29
30	1.65 B		5.00 B	0.802	0.838	0.886	0.248	0.190	0.370	0.590	2.24	0.4808	30
31	1.60 B		5.59 B		0.858		0.208	0.119		0.801		0.5208	31
TOTAL	51.480	27.038	59.200	84.921	34.884	34.088	7.148	3.839	11.803	17.040	75.325	16.038	TOTAL
MEAN	1.66	0.968	1.91	2.82	1.12	1.14	0.231	0.124	0.393	0.550	2.51	0.517	MEAN
MAX	3.00	1.60	5.59	9.81	2.38	3.43	0.550	0.196	1.82	1.27	7.34	1.70	MAX
MIN	0.920	0.713	0.720	0.802	0.535	0.530	0.089	0.039	0.094	0.228	0.950	0.410	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.19
MAXIMUM DAILY, 9.81 ON APR 4
MINIMUM DAILY, 0.039 ON AUG 21
MAXIMUM INSTANTANEOUS,
11.7 AT 00:33 EST ON APR 4

SUMMARY FOR THE YEAR 1969

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 48 34 N
LONG 80 06 36 W
DRAINAGE AREA, 181 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 450	JUL	818
FEB	2 340	AUG	332
MAR	5 110	SEP	1 020
APR	7 310	OCT	1 470
MAY	3 000	NOV	9 510
JUN	2 950	DEC	1 390

TOTAL DISCHARGE, 39 500 dam³

NAPANEE RIVER AT CAMDEN EAST - STATION NO. 02HM007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.788	7.51	2.898	31.3	8.31	5.74	2.37	1.19	0.887	0.883	1.82	7.84	1
2	2.788	6.148	2.818	31.4	8.46	5.88	2.33	1.23	0.920	0.845	1.58	7.75	2
3	2.768	5.448	2.848	32.3	8.58	6.26	2.32	1.24	0.934	0.897	1.80	7.67	3
4	2.898	4.958	2.818	35.3	8.44	5.82	2.12	1.39	0.838	0.832	1.47	7.628	4
5	2.748	4.518	3.57	36.7	8.35	5.47	1.98	1.84	0.780	0.888	1.47	7.228	5
6	2.718	4.30	3.298	36.3	8.50	5.08	1.84	1.45	0.740	0.883	1.85	8.838	6
7	2.718	4.16	3.218	36.3	9.59	4.88	1.80	1.41	0.711	0.880	2.18	8.838	7
8	8.118	4.008	3.148	35.6	11.0	4.36	1.88	1.37	0.880	0.878	3.18	8.268	8
9	4.168	3.838	3.068	34.1	11.2	4.17	1.84	1.33	0.883	0.888	4.18	8.888	9
10	4.028	4.13	2.998	32.6	11.8	4.43	1.80	1.32	0.824	0.963	4.37	8.618	10
11	3.75	4.31	2.888	31.0	12.1	4.08	1.84	1.28	0.881	1.02	3.78	8.148	11
12	3.55	4.11	2.798	28.2	13.5	3.90	1.44	1.30	0.880	0.882	3.24	4.788	12
13	3.38	3.958	2.888	27.6	14.8	3.71	1.42	1.31	0.870	0.884	2.98	4.388	13
14	3.16	3.888	2.848	25.8	14.8	3.61	1.38	1.27	0.488	0.824	3.32	4.388	14
15	2.86	3.838	18.6 8	23.8	15.0	3.36	1.28	1.23	0.830	0.887	7.80	4.348	15
16	2.83	3.81	11.3	22.6	15.0	3.21	1.27	1.20	0.488	1.08	8.38	4.328	16
17	3.06	3.668	8.42	21.1	14.6	3.82	1.24	1.18	0.833	1.17	8.18	4.308	17
18	3.00	3.638	8.508	20.2	14.2	3.86	1.18	1.17	0.484	1.28	8.10	4.268	18
19	3.08	3.508	8.428	18.6	13.6	3.50	1.28	1.14	0.471	1.34	7.41	4.268	19
20	3.088	3.478	8.278	17.6	13.2	3.76	1.18	1.24	0.476	1.88	8.38	4.248	20
21	2.818	3.428	8.088	16.3	12.6	3.81	1.10	1.18	0.488	1.84	8.08	4.238	21
22	3.048	3.428	7.888	15.0	11.9	3.80	1.08	1.13	0.506	1.84	8.43	4.228	22
23	3.048	3.388	7.708	13.8	11.4	3.71	1.08	1.08	0.842	1.80	8.14	4.218	23
24	3.018	3.348	7.88	12.8	10.9	3.58	1.07	1.02	0.570	1.83	7.83	4.888	24
25	2.97	3.318	8.44	11.8	10.5	3.38	1.07	0.974	0.846	1.78	7.84	4.808	25
26	3.46	3.218	11.7	10.8	10.1	3.19	1.08	0.934	0.887	1.84	7.86	4.238	26
27	3.23	3.118	15.2	10.2	9.63	3.00	1.08	0.884	0.824	1.88	7.89	4.228	27
28	3.188	3.048	18.8	9.62	8.92	2.88	1.17	0.852	0.820	1.84	8.35	4.208	28
29	3.398		24.7	9.03	8.24	2.83	1.12	0.820	0.862	1.88	8.28	4.188	29
30	8.278		36.1	8.65	7.74	2.80	1.15	0.778	0.878	1.48	8.23	4.168	30
31	5.93		30.9		7.23		1.20	0.707		1.48		4.248	31
TOTAL	103.82	113.21	273.88	697.10	343.89	122.82	44.97	38.153	18.743	38.810	187.72	180.78	TOTAL
MEAN	3.35	4.04	8.84	23.2	11.1	4.09	1.45	1.17	0.826	1.28	5.89	5.19	MEAN
MAX	5.93	7.51	30.9	36.7	18.0	5.74	2.37	1.54	0.920	1.84	8.38	7.84	MAX
MIN	2.66	3.04	2.88	8.65	7.23	2.80	1.07	0.707	471	0.883	1.47	4.18	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.81
MAXIMUM DAILY, 36.7 ON APR 5
MINIMUM DAILY, 0.471 ON SEP 19
MAXIMUM INSTANTANEOUS,
37.7 AT 19:45 EST ON APR 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 20 03 N
LONG 76 50 15 W
DRAINAGE AREA, 884 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 970	JUL	3 880
FEB	9 780	AUG	3 120
MAR	23 700	SEP	1 620
APR	60 200	OCT	3 350
MAY	29 700	NOV	16 200
JUN	10 600	DEC	13 900

TOTAL DISCHARGE, 183 000 dam³

NEEBING RIVER NEAR THUNDER BAY - STATION NO. 02AB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	E.1938	0.1378	0.1158	0.1108	6.26	2.18	2.47	0.183	0.328	0.232	0.332	0.1888	1
2	0.1908	0.1368	0.1158	0.1108	5.38	1.86	2.38	0.177	0.261	0.238	0.288	0.1818	2
3	0.1868	0.1368	0.1158	0.1208	4.84	1.70	1.86	0.170	0.227	0.322	0.230	0.1868	3
4	E.1838	0.1348	0.1148	0.1348	4.48	1.63	1.34	0.188	0.807	0.314	0.231	0.1828	4
5	0.1818	0.1338	0.1148	0.1488	5.51	1.48	1.04	0.288	1.08	0.348	0.324	0.1488	5
6	E.1788	0.1328	0.1138	0.1878	5.14	1.82	0.888	0.171	0.808	0.328	0.311	0.1448	6
7	E.1788	0.1318	0.1138	0.1828	5.20	1.87	0.788	0.188	0.708	0.318	0.384	0.1418	7
8	E.1748	0.1308	0.1128	0.3608	5.17	2.10	0.678	0.144	0.631	0.287	0.404	0.1378	8
9	E.1728	0.1288	0.1128	0.7008	4.87	2.93	0.474	0.143	0.438	0.294	0.482	0.1348	9
10	0.1688	0.1288	0.1118	1.30 B	4.34	2.84	0.464	0.139	0.334	0.313	0.883	0.1318	10
11	0.1678	0.1278	0.1118	2.33 B	3.78	2.10	0.407	0.138	0.309	0.318	0.838	0.1378	11
12	0.1658	0.1268	0.1118	2.80 B	3.37	1.88	0.338	0.182	0.281	0.298	0.388	0.1248	12
13	E.1638	0.1258	0.1118	3.05 B	3.15	0.10	0.368	0.138	0.273	0.448	0.431	0.1228	13
14	E.1618	0.1258	0.1118	4.35 B	3.00	7.86	0.348	0.131	0.267	0.373	0.383	0.1188	14
15	0.1698	0.1248	0.1118	5.10 B	2.83	5.34	0.338	0.127	0.248	0.338	0.388	0.1168	15
16	E.1588	0.1248	0.1118	5.85 B	2.78	3.80	0.288	0.139	0.324	0.278	0.288	0.1138	16
17	0.1578	0.1238	0.1108	6.45 B	2.82	2.65	0.307	0.118	0.211	0.283	0.257	0.1118	17
18	E.1568	0.1238	0.1108	7.75 B	2.44	2.08	0.281	0.114	0.201	0.283	0.2478	0.1088	18
19	0.1548	0.1228	0.1108	9.18 B	2.72	1.78	0.268	0.228	0.274	0.308	0.2398	0.1068	19
20	E.1528	0.1218	0.1108	4.90	3.72	1.30	0.268	0.333	0.378	0.308	0.2328	0.1048	20
21	E.1518	0.1208	0.1108	8.57	4.31	1.11	0.248	0.237	0.741	0.312	0.2248	0.1028	21
22	E.1498	0.1208	0.1108	10.1	3.74	0.888	0.268	0.807	0.878	0.307	0.2178	0.1008	22
23	0.1488	0.1208	0.1108	9.68	4.44	1.04	0.230	0.827	0.843	0.324	0.2108	0.0988	23
24	0.1468	0.1198	0.1108	8.48	4.80	1.10	0.240	0.488	0.484	0.307	0.2038	0.0968	24
25	0.1458	0.1188	0.1108	9.98	7.19	1.00	0.207	0.388	0.368	0.288	0.1978	0.0948	25
26	0.1448	0.1178	0.1108	10.3	7.48	1.20	0.313	0.297	0.333	0.288	0.1928	0.0928	26
27	E.1438	0.1178	0.1108	10.3	6.08	1.84	0.247	0.283	0.308	0.287	0.1888	0.0918	27
28	0.1428	0.1168	0.1108	9.57	3.78	1.82	0.247	0.267	0.288	0.282	0.1818	0.0898	28
29	0.1408		0.1108	8.38	3.12	1.48	0.208	0.412	0.261	0.310	0.1788	0.0878	29
30	0.1388		0.1108	7.30	2.82	1.80	0.188	0.358	0.263	0.388	0.1718	0.0858	30
31	0.1388		0.1108		2.58		0.174	0.388		0.877		0.0888	31
TOTAL	4.978	3.812	3.480	197.888	132.21	87.838	17.888	7.818	12.488	9.817	8.888	3.841	TOTAL
MEAN	E.161	0.126	0.111	6.13	4.26	2.26	0.578	0.248	0.417	0.320	0.288	0.117	MEAN
MAX	0.193	0.137	0.116	10.3	7.48	7.86	2.47	0.837	1.08	0.877	0.882	0.188	MAX
MIN	0.138	0.118	0.110	0.110	2.44	0.888	0.174	0.114	0.201	0.232	0.191	0.088	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.17
MAXIMUM DAILY, 10.3 ON APR 26
MINIMUM DAILY, 0.0888 ON DEC 31
MAXIMUM INSTANTANEOUS,
11.8 AT 00:15 EST ON APR 22

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 22 56 N
LONG 89 16 36 W
DRAINAGE AREA, 187 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	430	JUL	1 550
FEB	303	AUG	855
MAR	398	SEP	1 080
APR	13 300	OCT	867
MAY	11 400	NOV	758
JUN	5 840	DEC	319

TOTAL DISCHARGE, 38 600 dam³

NIAGARA RIVER AT QUEENSTON - STATION NO. 02HA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5 080	5 880	5 870	5 980	5 900	5 580	5 780	5 330	5 300	5 430	5 140	5 580	1
2	5 990	5 180	5 550	5 880	5 870	5 450	5 920	5 340	5 830	5 480	5 850	5 560	2
3	5 720	5 500	5 080	5 850	5 030	5 150	5 120	5 580	5 720	5 980	5 790	5 300	3
4	5 490	5 480	4 880	5 880	5 070	5 130	5 060	5 590	5 540	5 050	5 370	5 540	4
5	5 490	5 380	5 200	5 240	5 090	5 480	5 300	5 090	5 050	5 950	5 220	5 830	5
6	5 480	5 100	4 830	5 180	5 880	5 530	5 200	5 950	5 100	5 130	5 830	5 600	6
7	5 280	5 080	4 730	5 010	5 120	5 550	5 210	5 290	5 010	5 870	5 620	5 840	7
8	5 300	5 810	5 440	5 850	5 440	5 400	5 770	5 290	5 050	5 850	5 430	5 800	8
9	5 550	5 870	5 780	5 940	5 210	5 470	5 800	5 370	5 640	5 710	5 050	4 850	9
10	5 780	5 710	5 540	5 400	5 180	5 530	5 520	5 330	5 480	5 710	5 030	5 210	10
11	5 540	5 280	5 240	5 200	5 180	5 980	5 380	5 110	5 870	5 740	5 380	5 490	11
12	5 830	5 610	5 070	5 980	5 280	5 450	5 280	5 480	5 050	5 830	5 380	5 810	12
13	5 940	5 340	5 680	5 110	5 610	5 450	5 180	5 540	5 790	5 750	5 820	5 450	13
14	5 810	5 370	5 510	5 080	5 730	5 280	5 270	5 280	5 590	5 340	5 670	5 470	14
15	5 530	5 350	5 820	5 820	5 280	5 350	5 740	5 130	5 480	5 420	5 780	5 890	15
16	5 000	5 370	5 520	5 730	5 210	5 380	5 680	5 080	5 280	5 710	5 620	5 490	16
17	5 110	5 040	5 180	5 180	5 280	5 170	5 210	5 000	5 820	5 310	5 830	5 840	17
18	5 840	5 130	4 880	5 080	5 230	5 230	5 280	5 780	5 840	5 410	5 380	5 840	18
19	5 620	5 130	5 110	5 170	5 010	5 800	5 290	5 740	4 630	5 990	5 990	5 180	19
20	5 880	5 410	5 850	5 120	5 730	5 520	5 880	5 870	5 870	5 830	3 440	5 370	20
21	5 450	5 370	5 560	5 150	5 970	5 590	5 940	5 310	5 490	5 920	5 280	5 300	21
22	5 380	5 590	5 420	5 870	5 120	5 480	5 920	5 060	5 880	5 890	5 800	4 730	22
23	5 620	5 510	5 450	5 470	5 000	5 380	5 780	5 160	5 690	5 720	5 330	4 900	23
24	5 510	5 620	5 530	5 110	5 230	5 310	5 340	5 820	5 610	5 790	5 830	5 220	24
25	5 190	5 330	5 230	5 980	5 220	5 940	5 280	5 790	5 940	5 880	5 710	5 390	25
26	5 570	5 190	5 200	5 870	5 210	5 440	5 380	5 540	5 940	5 770	5 380	5 790	26
27	5 070	5 780	5 640	5 000	5 080	5 530	5 480	5 670	5 730	5 850	5 820	5 230	27
28	5 890	5 550	5 680	5 780	5 910	5 380	5 420	5 130	5 880	5 210	5 130	5 850	28
29	5 450		5 740	5 580	5 980	5 240	5 920	5 200	5 030	5 180	5 800	5 450	29
30	5 870		5 480	5 820	5 280	5 110	5 720	5 250	5 580	5 720	5 440	4 650	30
31	5 830		5 800		5 520		5 160	5 090		5 820		5 070	31
TOTAL	178 870	154 610	168 710	178 010	168 140	160 990	169 200	158 650	174 630	175 390	178 430	168 950	TOTAL
MEAN	5 700	5 520	5 380	5 880	5 100	5 370	5 100	5 090	5 820	5 880	5 880	5 390	MEAN
MAX	5 990	5 810	5 800	5 400	5 920	5 590	5 920	5 590	5 300	5 130	5 830	5 790	MAX
MIN	5 080	5 040	4 730	5 470	5 730	5 940	5 890	5 540	5 280	4 630	5 220	4 730	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5 830
MAXIMUM DAILY, 5 930 ON NOV 17
MINIMUM DAILY, 4 730 ON MAR 7

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 43 09 25 N
LONG 79 02 50 W
DRAINAGE AREA, 858 000 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 300 000	JUL	15 300 000
FEB	13 400 000	AUG	15 300 000
MAR	14 400 000	SEP	15 100 000
APR	15 500 000	OCT	15 200 000
MAY	15 300 000	NOV	15 200 000
JUN	15 500 000	DEC	14 400 000

TOTAL DISCHARGE, 184 000 000 dam³

DATA CONTRIBUTED BY -
INTERNATIONAL NIAGARA COMMITTEE

REGULATED SINCE 1985

REMARKS - DISCHARGES INCLUDE FLOW FROM WELLAND CANAL TO WELLAND RIVER

NIPIGON RIVER AT PINE PORTAGE - STATION NO. 02AD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	406	538	541	430	441	562	564	361	445	338	378	302	1
2	407	574	551	437	441	586	581	323	451	342	374	282	2
3	394	552	553	408	441	555	542	332	444	356	378	334	3
4	453	544	553	442	422	556	530	343	447	378	338	301	4
5	491	543	551	443	386	566	565	339	388	373	346	317	5
6	457	547	550	445	400	557	546	336	346	386	349	338	6
7	454	539	514	445	389	557	547	338	352	376	340	312	7
8	456	550	447	445	388	557	565	322	403	371	352	304	8
9	457	547	449	443	388	544	514	326	443	370	340	304	9
10	457	548	447	437	389	536	547	333	441	370	346	299	10
11	458	551	446	444	388	556	545	340	342	366	344	334	11
12	457	548	435	445	388	538	548	335	320	366	348	308	12
13	457	544	433	444	389	500	548	335	322	370	348	310	13
14	458	550	441	444	389	533	539	305	364	388	353	312	14
15	455	544	431	444	384	526	552	339	358	386	388	308	15
16	455	544	425	442	416	521	582	340	381	388	388	304	16
17	452	550	445	444	446	526	580	326	377	388	347	303	17
18	442	545	443	444	447	526	580	327	373	372	338	314	18
19	453	548	443	443	446	582	587	337	318	371	347	378	19
20	458	547	434	443	445	583	550	335	353	358	380	381	20
21	455	544	431	442	443	583	587	352	388	370	382	383	21
22	458	545	433	443	446	583	588	384	385	380	377	383	22
23	453	543	438	443	447	540	585	356	385	348	370	383	23
24	458	540	423	427	417	530	586	388	387	358	384	234	24
25	503	545	415	436	582	526	556	453	355	383	348	284	25
26	544	547	446	438	558	488	588	438	339	370	388	284	26
27	553	544	436	438	541	508	581	436	380	372	345	289	27
28	537	543	445	441	559	545	542	383	347	378	388	285	28
29	521		421	441	581	589	523	337	343	380	383	308	29
30	538		437	441	582	585	521	372	383	378	348	297	30
31	547		423		582		472	388		378		284	31
TOTAL	14 522	15 298	14 277	13 188	14 081	15 294	17 004	11 012	11 288	11 380	10 833	9 736	TOTAL
MEAN	488	548	481	440	454	543	548	355	378	388	384	314	MEAN
MAX	553	574	553	445	582	588	588	453	451	380	380	393	MAX
MIN	394	538	415	408	394	486	472	306	318	338	338	234	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 435
MAXIMUM DAILY, 574 ON FEB 2
MINIMUM DAILY, 234 ON DEC 24

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 16 26 N
LONG 88 16 40 W
DRAINAGE AREA, 24 800 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 250 000	JUL	1 470 000
FEB	1 320 000	AUG	951 000
MAR	1 230 000	SEP	975 000
APR	1 140 000	OCT	982 000
MAY	1 220 000	NOV	919 000
JUN	1 410 000	DEC	841 000

TOTAL DISCHARGE, 13 700 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

MISSOURI CREEK NEAR EMBRO - STATION NO. 02CD022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3308	0.809	0.0678	0.840E	0.134	0.367	0.014	0.008	0.025	0.009	0.028	0.2148	1
2	0.3008	0.540B	0.0588	0.400E	0.130	0.447	0.011	0.008	0.024	0.014	0.48	0.1708	2
3	0.2708	0.380B	0.0558	1.20 A	0.108	0.333	0.011	0.008	0.010	0.018	0.034	0.1408	3
4	0.2608	0.260B	0.0548	1.48	0.100	0.233	0.012	0.008	0.008	0.018	0.036	0.1208	4
5	0.2408	0.1608	0.0688	1.07	0.184	0.157	0.013	0.018	0.004	0.017	0.037	0.1008	5
6	0.2308	0.1208	0.0808	1.01	0.137	0.118	0.012	0.010	0.006	0.021	0.070	0.0828	6
7	0.2208	0.1008	0.0788	0.708	0.119	0.105	0.009	0.008	0.010	0.028	0.169	0.0728	7
8	2.85 B	0.0908	0.0768	0.580E	0.132	0.073	0.008	0.007	0.010	0.027	0.188	0.0648	8
9	0.8008	0.0848	0.0758	0.480E	0.108	0.088	0.008	0.006	0.009	0.027	0.141	0.0548	9
10	0.4108	0.0788	0.0748	0.400E	0.103	0.070	0.008	0.008	0.008	0.102	0.079	0.0528	10
11	0.2378	0.0758	1.95 B	0.350E	0.107	0.060	0.007	0.008	0.008	0.141	0.068	0.0468	11
12	0.4208	0.0738	1.28 B	0.460E	0.146	0.043	0.007	0.007	0.008	0.045	0.049	0.0428	12
13	0.3908	0.0718	0.8708	0.808	0.162	0.048	0.007	0.015	0.005	0.028	0.037	0.0388	13
14	0.3008	0.1008	0.880A	0.733	0.127	0.037	0.008	0.012	0.008	0.022	0.028	0.0278	14
15	0.2308	0.0928	0.731A	0.788	0.114	0.042	0.008	0.027	0.011	0.017	0.840	0.0388	15
16	0.1808	0.0848	0.5008	0.540E	0.100	0.048	0.008	0.108	0.012	0.019	1.22	0.0348	16
17	0.1408	0.0848	0.4008	0.500E	0.082	0.064	0.008	0.023	0.027	0.034	0.813	0.0338	17
18	0.1808	0.0818	1.26 E	0.770	0.072	0.105	0.004	0.011	0.018	0.084	0.338	0.0328	18
19	0.1558	0.0788	1.20 B	0.533E	0.085	0.080	0.011	0.008	0.012	0.040	0.270	0.0318	19
20	0.1808	0.0788	0.4008	0.378A	0.114	0.080	0.052	0.010	0.010	0.053	0.338	0.0308	20
21	0.1458	0.0768	0.3008	0.300	0.285	0.086	0.025	0.028	0.008	0.082	0.338	0.0308	21
22	0.1358	0.0728	0.4008	0.236	0.142	0.433	0.016	0.014	0.008	0.102	0.280	0.0298	22
23	0.1408	0.0688	0.5008	0.204	0.113	0.195	0.013	0.015	0.014	0.062	0.2158	0.0288	23
24	0.1508	0.0858	0.8008	0.178	0.127	0.128	0.010	0.011	0.017	0.037	0.1728	0.0288	24
25	0.1728	0.0838	1.01	0.184	0.144	0.085	0.012	0.008	0.015	0.034	0.1488	0.0288	25
26	1.45 B	0.0818	0.945	0.184	0.384	0.085	0.020	0.005	0.015	0.033	0.150	0.0288	26
27	0.462	0.0808	0.925	0.173	0.222	0.085	0.048	0.004	0.011	0.028	0.159	0.0288	27
28	0.4808	0.0598	1.39	0.148	0.148	0.036	0.050	0.003	0.011	0.027	0.577	0.0278	28
29	0.848		1.59	0.142	0.114	0.028	0.021	0.008	0.011	0.025	0.396	0.0278	29
30	1.09		0.863	0.185	0.230	0.021	0.017	0.008	0.010	0.024	0.292	0.0278	30
31	0.880		0.712A		0.840		0.013	0.008		0.023		0.0408	31
TOTAL	14.022	3.926	19.300	15.982	6.812	3.985	0.454	0.417	0.348	1.200	7.063	1.752	TOTAL
MEAN	0.452	0.140	0.623	0.522	0.188	0.123	0.015	0.013	0.012	0.039	0.235	0.057	MEAN
MAX	2.85	0.809	1.95	1.48	0.840	0.447	0.052	0.108	0.027	0.141	1.22	0.214	MAX
MIN	0.135	0.058	0.054	0.142	0.088	0.021	0.004	0.003	0.004	0.008	0.028	0.027	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.189
MAXIMUM DAILY, 2.85B ON JAN 9
MINIMUM DAILY, 0.003 ON AUG 28

REMARKS - DATA FOR 1978-77, 1984-85 AVAILABLE FROM ONDE

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 07 48 N
LONG 80 57 48 W
DRAINAGE AREA, 39.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 210	JUL	39.2
FEB	339	AUG	36.0
MAR	1 670	SEP	30.1
APR	1 380	OCT	104
MAY	416	NOV	610
JUN	316	DEC	151

TOTAL DISCHARGE, 6 270 dam³

NITH RIVER ABOVE NITHBURG - STATION NO. 02GA038

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.75	24.0 B	0.5768	5.77	0.488	0.29	0.188	0.036	---	---	---	---	1
2	2.75	8.00 B	0.5768	4.04	0.429	0.58	0.147	0.038	---	---	---	---	2
3	1.83	5.00 B	0.5608	13.9	0.406	3.02	0.132	0.031	---	---	---	---	3
4	1.708	3.50 B	0.5868	22.4	0.348	4.57	0.123	0.103	---	---	---	---	4
5	1.588	2.00 B	0.6808	14.1	0.378	2.99	0.122	0.298	---	---	---	---	5
6	1.458	1.40 B	0.6268	11.8	0.418	1.63	0.114	0.150	---	---	---	---	6
7	1.338	1.05 B	0.6058	8.86	0.381	1.23	0.107	0.081	---	---	---	---	7
8	30.0 B	0.8408	0.5008	6.85	0.409	0.818	0.090	0.068	---	---	---	---	8
9	15.0 B	0.6408	0.4208	4.18	0.408	0.724	0.081	0.070	---	---	---	---	9
10	8.768	0.7758	0.848	3.26	0.367	2.21	0.078	0.058	---	---	---	---	10
11	8.402	0.8808	3.84	3.05	0.368	1.28	0.065	0.048	---	---	---	---	11
12	7.008	0.8408	7.88	4.88	0.634	0.893	0.081	0.058	---	---	---	---	12
13	6.008	0.6208	7.49	5.47	1.81	0.841	0.044	0.052	---	---	---	---	13
14	3.008	0.5608	10.0 B	11.1	1.78	0.498	0.041	0.081	---	---	---	---	14
15	2.208	0.6888	38.0 B	27.4	1.38	0.407	0.038	0.103	---	---	---	---	15
16	1.888	0.6708	12.9	13.7	1.12	0.353	0.034	0.088	---	---	---	---	16
17	1.588	0.8408	4.00 B	7.06	0.852	0.333	0.030	0.083	---	---	---	---	17
18	1.588	0.8108	3.00 B	5.93	0.650	0.344	0.032A	0.058	---	---	---	---	18
19	1.808	0.8808	2.10 B	4.33	0.481	0.288	0.040E	0.048	---	---	---	---	19
20	1.738	0.8508	1.88 B	2.84	0.449	0.308	0.081A	0.044	---	---	---	---	20
21	1.908	0.5288	1.28 B	2.20	0.884	0.338	0.087	0.087A	---	---	---	---	21
22	1.438	0.5028	1.08 B	1.70	0.588	0.445	0.065	---	---	---	---	---	22
23	1.32	0.5168	1.20 B	1.30	0.470	1.82	0.048	---	---	---	---	---	23
24	1.83	0.5268	3.72	1.05	0.388	1.05	0.040	---	---	---	---	---	24
25	2.28	0.5508	23.7	0.887	0.344	0.894	0.038	---	---	---	---	---	25
26	10.7	0.5608	38.7	0.708	1.04	0.471	0.038	---	---	---	---	---	26
27	12.6	0.5988	26.0	0.884	1.19	0.393	0.042	---	---	---	---	---	27
28	8.36	0.5808	41.2	0.893	0.787	0.284	0.061	---	---	---	---	---	28
29	11.6 B		48.0	0.837	0.622	0.230	0.048	---	---	---	---	---	29
30	13.0 B		13.7	0.618	1.83	0.207	0.041	---	---	---	---	---	30
31	14.6 B		8.74		5.67		0.036	---	---	---	---	---	31
TOTAL	178.38	80.228	302.228	190.408	28.849	43.981	2.128	---	---	---	---	---	TOTAL
MEAN	5.89	2.12	9.75	6.35	0.859	1.44	0.068	---	---	---	---	---	MEAN
MAX	30.0	24.0	48.0	27.4	5.67	5.29	0.188	---	---	---	---	---	MAX
MIN	1.32	0.502	0.576	0.618	0.344	0.207	0.030	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 22 02 N
LONG 80 50 06 W
DRAINAGE AREA, 328 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 200	JUL	184
FEB	5 120	AUG	---
MAR	26 100	SEP	---
APR	19 500	OCT	---
MAY	2 280	NOV	---
JUN	3 720	DEC	---

NITH RIVER AT NEW HAMBURG - STATION NO. 02GA016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.17	25.8	0.748	10.1	1.81	18.8	---	---	---	---	---	---	1
2	4.73	17.5	0.732	7.70	1.70	18.0	---	---	---	---	---	---	2
3	3.74	8.47	0.728	11.2	1.68	10.2	---	---	---	---	---	---	3
4	2.87	6.03	0.731	32.5	1.48	7.92	---	---	---	---	---	---	4
5	2.488	4.63	0.741	26.0	1.49	7.11	---	---	---	---	---	---	5
6	2.388	3.78	0.808	17.0	1.71	5.18	---	---	---	---	---	---	6
7	2.308	3.71	0.791	14.5	1.68	3.71	---	---	---	---	---	---	7
8	17.8	2.08	0.735	9.90	1.81	2.78	---	---	---	---	---	---	8
9	28.4	1.81	0.688	7.81	1.87	3.27	---	---	---	---	---	---	9
10	10.8	1.48	0.784	6.38	1.58	5.15	---	---	---	---	---	---	10
11	7.20	1.38	1.88	5.80	1.50	5.11	---	---	---	---	---	---	11
12	6.60	1.27	5.43	5.81	1.93	3.23	---	---	---	---	---	---	12
13	6.54	1.26	7.08	6.45	3.71	2.34A	---	---	---	---	---	---	13
14	7.08	1.31	7.84	11.2	3.85	---	---	---	---	---	---	---	14
15	5.90	1.71	54.0 B	33.2	3.49	---	---	---	---	---	---	---	15
16	4.42	1.91	40.8	23.0	2.88	---	---	---	---	---	---	---	16
17	3.39	1.46	11.9	11.3	2.46	---	---	---	---	---	---	---	17
18	2.80	1.21	8.34	8.87	2.02	---	---	---	---	---	---	---	18
19	3.08	1.11	8.00	7.72	1.71	---	---	---	---	---	---	---	19
20	3.13	0.974	6.81	8.17	1.66	---	---	---	---	---	---	---	20
21	2.80	0.938	3.83	4.96	1.76	---	---	---	---	---	---	---	21
22	2.08	0.926	3.05	4.03	1.73	---	---	---	---	---	---	---	22
23	2.38	0.921	3.03	3.32	1.64	---	---	---	---	---	---	---	23
24	2.68	1.38	4.86	2.76	1.38	---	---	---	---	---	---	---	24
25	3.58	1.60	21.8 B	2.43	1.23	---	---	---	---	---	---	---	25
26	7.28	1.15	70.7 B	2.37	2.00	---	---	---	---	---	---	---	26
27	13.6	0.908	40.7	2.27	2.83	---	---	---	---	---	---	---	27
28	8.85	0.778	52.0	1.98	2.23	---	---	---	---	---	---	---	28
29	11.4		88.8	1.77	1.88	---	---	---	---	---	---	---	29
30	22.3		29.1	1.83	2.67	---	---	---	---	---	---	---	30
31	22.8		16.2		8.84		---	---		---	---	---	31
TOTAL	232.90	98.425	466.781	283.42	87.71	---	---	---	---	---	---	---	TOTAL
MEAN	7.51	3.41	15.1	9.78	2.18	---	---	---	---	---	---	---	MEAN
MAX	28.4	25.8	70.7	33.2	8.84	---	---	---	---	---	---	---	MAX
MIN	2.08	0.778	0.688	1.77	1.23	---	---	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM INSTANTANEOUS,
107 AT 18:30 EST ON MAR 15

SUMMARY FOR THE YEAR 1980

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 32 38 N
LONG 80 43 41 W
DRAINAGE AREA, 693 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	20 100	JUL	---
FEB	8 240	AUG	---
MAR	40 500	SEP	---
APR	25 400	OCT	---
MAY	5 650	NOV	---
JUN	---	DEC	---

NITH RIVER NEAR CANNING - STATION NO. 02GA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.5	35.5	4.008	23.3	5.73	13.4	3.30	2.08	1.97	2.05	2.36	11.3	1
2	11.5	33.1	3.868	17.9	5.88	26.8	3.03	2.00	2.22	2.09	2.64	8.308	2
3	9.76	23.4	3.858	15.9	5.44	27.5	2.87	1.85	2.00	2.01	2.54	6.908	3
4	8.468	13.2	3.938	28.2	5.33	18.8	2.84	1.97	1.90	1.94	2.48	5.788	4
5	6.708	11.0 B	3.908	42.9	5.11	12.0	2.82	2.03	1.98	2.01	2.47	5.508	5
6	7.008	9.008	3.938	33.6	5.18	11.2	2.84	2.01	1.86	2.26	2.77	5.248	6
7	8.608	7.108	3.858	26.2	5.05	8.78	2.88	1.97	2.01	2.22	3.15	5.008	7
8	11.0 B	6.808	4.058	21.7	5.28	7.13	2.84	2.21	2.00	2.21	4.02	5.808	8
9	16.0 B	5.858	4.608	16.5	5.04	5.87	2.48	2.08	1.84	2.12	4.26	5.858	9
10	25.3 B	5.708	6.008	13.6	4.93	5.86	2.36	2.01	1.85	2.22	3.95	6.508	10
11	18.5	5.558	9.008	12.1	4.84	7.71	2.25	1.94	1.89	2.89	3.68	5.358	11
12	16.0 B	5.458	11.8 B	11.2	5.30	8.38	2.22	1.88	1.89	2.80	3.61	5.208	12
13	14.0 B	5.508	17.0 B	12.0	5.98	9.56	2.18	1.97	1.89	2.87	3.34	5.108	13
14	13.5 B	5.008	25.0 B	14.5	6.18	9.44	2.17	1.93	1.91	2.94	3.27	4.958	14
15	13.0 B	5.858	35.0 B	18.8	6.84	9.87	2.10	2.29	2.04	2.78	4.06	4.858	15
16	10.5 B	5.808	54.8	40.4	7.30	9.87	2.11	2.83	2.07	2.78	10.2	4.758	16
17	8.908	5.608	43.2	28.2	8.92	9.21	2.04	2.52	2.08	2.72	31.5	4.858	17
18	7.908	5.408	19.7	16.7	6.97	4.87	1.98	2.42	2.07	2.70	25.2	4.858	18
19	7.208	5.208	13.8	16.1	5.38	4.82	1.98	2.22	2.12	2.80	13.6	4.458	19
20	6.708	5.008	11.8	13.7	5.14	4.67	2.19	2.13	2.02	3.44	10.3	4.358	20
21	6.458	4.808	10.3	11.3	5.08	4.41	2.34	2.08	1.88	3.70	8.15	4.308	21
22	6.308	4.758	8.81	9.57	4.78	8.84	2.28	2.31	2.08	3.44	18.7	4.258	22
23	6.358	4.858	8.89	8.32	4.73	13.4	2.18	2.18	2.34	3.04	13.8	4.208	23
24	6.458	4.508	10.8	7.47	4.88	10.8	2.06	2.00	2.17	2.91	9.18	4.158	24
25	6.808	4.408	17.3	8.84	4.48	8.84	2.04	1.87	2.08	2.78	7.60	4.108	25
26	7.008	4.308	61.8	6.87	4.78	6.78	2.40	1.78	2.02	2.81	6.98	4.078	26
27	8.408	4.208	71.4	6.48	5.04	5.38	2.43	1.75	1.98	2.88	6.48	4.058	27
28	12.0 B	4.108	48.8	6.11	5.28	4.81	2.83	1.73	2.01	2.88	6.98	4.058	28
29	18.8		71.2	5.87	5.08	3.88	2.78	1.88	1.99	2.78	17.5	4.058	29
30	26.4		74.7	5.88	5.04	3.54	2.51	1.84	2.01	2.51	23.5	4.058	30
31	34.7		34.8		5.81		2.32	1.78		2.42		5.008	31
TOTAL	380.88	243.50	701.39	496.09	166.07	281.06	74.78	63.92	60.62	81.21	257.16	193.41	TOTAL
MEAN	12.3	8.70	22.8	16.6	5.42	9.70	2.41	2.06	2.02	2.62	8.57	6.27	MEAN
MAX	35.3	35.5	74.7	42.9	7.30	27.5	3.30	2.83	2.34	3.70	31.5	11.3	MAX
MIN	6.70	4.10	3.90	5.87	4.48	3.54	1.98	1.73	1.88	1.94	2.58	4.05	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.09
MAXIMUM DAILY, 74.7 ON MAR 30
MINIMUM DAILY, 1.73 ON AUG 28
MAXIMUM INSTANTANEOUS,
88.1 AT 05:13 EST ON MAR 27

SUMMARY FOR THE YEAR 1980

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 11 26 N
LONG 80 27 17 W
DRAINAGE AREA, 1 030 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	32 900	JUL	6 480
FEB	21 000	AUG	5 520
MAR	60 800	SEP	5 230
APR	43 000	OCT	7 020
MAY	14 500	NOV	22 300
JUN	22 800	DEC	14 100

TOTAL DISCHARGE, 355 000 dam³

MOLIN CREEK AT SUDBURY - STATION NO. 02CF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0228	0.0468	0.0238	1.80 B	0.220	0.085	0.021	0.001	0.018	0.005	0.038	0.0338	1
2	0.0228	0.0458	0.0238	1.80 B	0.188	0.108	0.018	0.268	0.013	0.008	0.040	0.0308	2
3	0.0218	0.0438	0.0238	1.88	0.217	0.085	0.018	0.018	0.013	0.008	0.041	0.0288	3
4	0.0218	0.0418	0.0228	2.08	0.171	0.083	0.008	0.081	0.028	0.003	0.029	0.0268	4
5	0.0208	0.0388	0.0228	2.28	0.201	0.038	0.007	0.026	0.013	0.013	0.362	0.0248	5
6	0.0208	0.0368	0.0228	2.01	0.208	0.024	0.008	0.018	0.008	0.045	0.768	0.0238	6
7	0.0218	0.0378	0.0228	1.48	0.171	0.018	0.004	0.018	0.005	0.021	0.321	0.0218	7
8	0.2508	0.0368	0.0228	1.54	0.148	0.018	0.004	0.013	0.005	0.020	0.182	0.020	8
9	0.1508	0.0348	0.0218	1.26	0.138	0.268	0.008	0.014	0.082	0.018	0.260	0.0208	9
10	0.1358	0.0348	0.0218	0.856	0.110	0.207	0.018	0.010	0.120	0.027	0.198	0.0188	10
11	0.1228	0.0338	0.0218	0.777	0.098	0.128	0.010	0.012	0.038	0.032	0.171	0.0178	11
12	0.1108	0.0328	0.0218	0.746	0.138	0.087	0.008	0.013	0.018	0.062	0.101	0.0178	12
13	0.0888	0.0318	0.0218	0.721	0.188	0.041	0.005	0.013	0.018	0.025	0.100	0.0188	13
14	0.0808	0.0308	0.0658	0.788	0.167	0.043	0.002	0.012	0.013	0.017	0.067	0.0158	14
15	0.0858	0.0308	0.2108	1.04	0.198	0.060	0.003	0.074	0.012	0.018	0.113	0.0158	15
16	0.0798	0.0288	0.1008	1.28	0.148	0.908	0.003	0.052	0.012	0.137	0.137	0.0158	16
17	0.0738	0.0268	0.0608	1.84	0.101	1.88	0.002	0.028	0.010	0.058	0.193	0.0148	17
18	0.0688	0.0248	0.0538	1.38	0.080	0.810	0.008	0.018	0.011	0.038	0.152	0.0148	18
19	0.0638	0.0278	0.0538	1.18	0.073	0.518	0.004	0.008	0.014	0.021	0.137	0.0148	19
20	0.0808	0.0278	0.0508	0.887	0.071	0.370	0	0.008	0.012	0.284	0.114	0.0138	20
21	0.0578	0.0268	0.0478	0.831	0.258	0.303	0	0.007	0.008	0.256	0.0888	0.0138	21
22	0.0568	0.0268	0.0478	0.835	0.155	0.295	0.001	0.082	0.007	0.141	0.0808	0.013	22
23	0.0538	0.0258	0.0508	0.518	0.084	0.258	0.001	0.037	0.008	0.081	0.0808	0.013	23
24	0.0618	0.0258	0.0508	0.422	0.085	0.128	0	0.015	0.007	0.060	0.0718	0.0138	24
25	0.0498	0.0258	0.1318	0.465	0.048	0.069	0	0.012	0.007	0.050	0.0838	0.0138	25
26	0.0478	0.0248	0.4808	0.406	0.184	0.082	0.002	0.010	0.007	0.044	0.0848	0.0138	26
27	0.0488	0.0248	1.30 B	0.348	0.090	0.054	0.008	0.011	0.020	0.035	0.0808	0.0138	27
28	0.0448	0.0248	2.40 B	0.296	0.064	0.053	0.003	0.012	0.008	0.034	0.0488	0.0138	28
29	0.0438		1.80 B	0.245	0.086	0.029	0.002	0.012	0.004	0.031	0.0418	0.0138	29
30	0.0428		1.48 B	0.226	0.081	0.018	0.002	0.012	0.004	0.025	0.0388	0.0138	30
31	0.0468		1.38 B		0.098		0.001	0.014		0.029		0.0138	31
TOTAL	2.063	0.869	5.822	32.786	4.268	7.188	0.173	0.911	0.505	1.681	4.152	0.534	TOTAL
MEAN	0.067	0.032	0.317	1.08	0.137	0.240	0.006	0.029	0.017	0.054	0.138	0.017	MEAN
MAX	0.250	0.048	2.40	2.88	0.268	1.88	0.021	0.268	0.120	0.284	0.768	0.033	MAX
MIN	0.020	0.024	0.021	0.226	0.048	0.018	0	0.001	0.004	0.003	0.029	0.013	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.178
MAXIMUM DAILY, 2.88 ON APR 4
MINIMUM DAILY, 0 ON JUL 20
MAXIMUM INSTANTANEOUS
5.26 AT 13:58 EST ON APR 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 28 51 N
LONG 81 00 26 W
DRAINAGE AREA, 21.5 km²

B - ICE CONDITIONS

REGULATED SINCE 1966

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	178	JUL	14.9
FEB	78.8	AUG	78.7
MAR	848	SEP	43.6
APR 2	830	OCT	144
MAY	388	NOV	358
JUN	822	DEC	46.1

TOTAL DISCHARGE, 8 810 dam³

NORBERG CREEK (SITE A) ABOVE BATCHAWANA RIVER - STATION NO. 02BF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2058	0.1168	0.1088	0.2008	1.48	0.301	0.128	0.005	0.044	0.008	0.144	0.2108	1
2	0.2008	0.1108	0.0988	0.3008	1.34	0.268	0.117	0.008	0.035	0.004	0.118	0.2058	2
3	0.1888	0.1068	0.0838	0.3698	1.26	0.241	0.142	0.012	0.031	0.008	0.108	0.2018	3
4	0.1818	0.1068	0.1158	0.5588	1.39	0.218	0.147	0.025	0.028	0.008	0.107	0.1888	4
5	0.182	0.1078	0.1178	0.6208	1.60	0.197	0.133	0.018	0.026	0.009	0.384	0.1868	5
6	0.1578	0.1178	0.1088	0.636	1.58	0.177	0.122	0.016	0.023	0.028	0.817	0.1838	6
7	0.156	0.1148	0.0878	0.525	1.40	0.190	0.112	0.012	0.021	0.026	0.500	0.1828	7
8	0.164	0.1208	0.0888	0.506	1.20	0.347	0.103	0.010	0.095	0.021	0.547	0.1818	8
9	0.172	0.1368	0.0858	0.5808	1.08	0.388	0.096	0.008	0.082	0.018	0.711	0.1818	9
10	0.1968	0.1618	0.0828	0.5428	1.01	0.348	0.124	0.008	0.080	0.018	0.888	0.1808	10
11	0.2378	0.1808	0.0828	0.5008	0.988	0.302	0.103	0.003	0.083	0.018	0.822	0.1938	11
12	0.2608	0.1828	0.0868	0.470	0.958	0.274	0.081	0	0.082	0.018	0.783	0.1808	12
13	0.3268	0.1868	0.0678	0.443	0.888	0.267	0.063	0.003	0.048	0.014	0.882	0.1868	13
14	0.3408	0.1958	0.0838	0.450	0.836	0.240	0.072	0.018	0.044	0.014	0.580	0.1708	14
15	0.3408	0.1708	0.0848	0.438	0.871	0.238	0.088	0.021	0.038	0.018	0.502	0.1888	15
16	0.3308	0.1478	0.0848	0.431	0.788	0.210	0.088	0.018	0.037	0.018	0.488	0.1408	16
17	0.3188	0.1298	0.0888	0.513	0.884	0.408	0.048	0.018	0.034	0.018	0.446	0.1288	17
18	0.3008	0.1148	0.0858	0.548	0.808	0.388	0.038	0.012	0.033	0.014	0.413	0.1158	18
19	0.2608	0.1068	0.0638	0.554	0.538	0.380	0.034	0.011	0.027	0.013	0.418	0.1008	19
20	0.2118	0.1048	0.0818	0.508	0.508	0.371	0.030	0.018	0.027	0.014	0.413	0.0948	20
21	0.178	0.1028	0.0788	0.682	0.518	0.388	0.022	0.021	0.024	0.017	0.388	0.0908	21
22	0.184	0.1048	0.0738	0.730	0.488	0.342	0.017	0.041	0.028	0.017	0.338	0.0878	22
23	0.128	0.1048	0.0708	0.788	0.425	0.317	0.015	0.038	0.027	0.014	0.310	0.0858	22
24	0.118	0.1058	0.0708	0.878	0.385	0.288	0.013	0.033	0.020	0.018	0.288	0.0838	24
25	0.114	0.1078	0.0748	1.13	0.408	0.257	0.010	0.028	0.014	0.017	0.282	0.0818	25
26	0.106	0.1108	0.0808	1.50	0.384	0.232	0.008	0.026	0.013	0.024	0.260	0.0808	26
27	0.112	0.1168	0.0888	1.80	0.387	0.208	0.012	0.021	0.011	0.027	0.237	0.0788	27
28	0.117	0.1148	0.0878	2.05	0.310	0.172	0.008	0.018	0.008	0.032	0.230	0.0778	28
29	0.110		0.1128	1.82	0.278	0.150	0.008	0.015	0.008	0.038	0.2208	0.0768	29
30	0.111		0.1128	1.88	0.257	0.141	0.008	0.015	0.008	0.058	0.2188	0.0768	30
31	0.120		0.1138		0.310		0.008	0.036		0.138		0.0788	31
TOTAL	8.090	3.595	3.634	23.295	25.267	8.282	1.963	0.521	0.978	0.678	12.227	4.338	TOTAL
MEAN	0.196	0.128	0.081	0.777	0.818	0.276	0.063	0.017	0.033	0.022	0.408	0.140	MEAN
MAX	0.340	0.188	0.117	2.05	1.80	0.408	0.147	0.041	0.085	0.138	0.832	0.210	MAX
MIN	0.106	0.102	0.070	0.200	0.257	0.141	0.008	0	0.008	0.004	0.108	0.078	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.247
MAXIMUM DAILY, 2.05 ON APR 28
MINIMUM DAILY, 0 ON AUG 12
MAXIMUM INSTANTANEOUS
3.26 AT 21:08 EST ON APR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 04 06 N
LONG 84 28 07 W
DRAINAGE AREA, 11.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	528	JUL	170
FEB	311	AUG	48.9
MAR	245	SEP	84.8
APR 2	010	OCT	88.5
MAY 2	180	NOV	1 080
JUN	718	DEC	374

TOTAL DISCHARGE, 7 780 dam³

NORBERG CREEK (SITE B) AT OUTLET OF TURKEY LAKE - STATION NO. 028F006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.173	0.0788	0.0858	0.215	1.15	0.185	0.092	0	0.032	0.004	0.088	0.184	1
2	0.1678	0.0778	0.0858	0.249	1.02	0.174	0.084	0	0.028	0.006	0.094	0.1698	2
3	0.163	0.0788	0.0858	0.268	0.928	0.186	0.085	0.001	0.024	0.005	0.097	0.1678	3
4	0.154	0.0788	0.0878	0.326	0.977	0.153	0.106	0.007	0.021	0.003	0.110	0.1548	4
5	0.146	0.0858	0.0708	0.407	1.17	0.140	0.088	0.008	0.018	0.006	0.173	0.152	5
6	0.141	0.0818	0.0898	0.428	1.25	0.128	0.080	0.007	0.017	0.018	0.282	0.148	6
7	0.1308	0.0848	0.087	0.440	1.12	0.132	0.080	0.004	0.018	0.024	0.380	0.141	7
8	0.1308	0.0848	0.080	0.443	0.922	0.174	0.088	0.004	0.057	0.025	0.470	0.138	8
9	0.1348	0.0878	0.088	0.429	0.812	0.203	0.068	0.003	0.081	0.018	0.848	0.1328	9
10	0.1288	0.1008	0.080	0.387	0.773	0.192	0.078	0.001	0.081	0.015	0.811	0.1288	10
11	0.1328	0.1038	0.068	0.383	0.758	0.182	0.088	0.001	0.087	0.012	0.875	0.1248	11
12	0.1338	0.1078	0.063	0.350	0.771	0.176	0.080	0.001	0.082	0.014	0.885	0.1208	12
13	0.1338	0.1088	0.084	0.328	0.802	0.171	0.081	0.001	0.045	0.013	0.580	0.118	13
14	0.1278	0.1088	0.062	0.333	0.780	0.188	0.042	0.001	0.038	0.012	0.517	0.112	14
15	0.1228	0.1078	0.078	0.328	0.718	0.188	0.034	0.012	0.034	0.013	0.448	0.107	15
16	0.1188	0.1028	0.078	0.307	0.688	0.178	0.027	0.010	0.028	0.013	0.407	0.102	16
17	0.1118	0.0978	0.074	0.317	0.658	0.186	0.023	0.008	0.028	0.011	0.388	0.098	17
18	0.1108	0.0918	0.0678	0.333	0.484	0.213	0.018	0.007	0.020	0.011	0.368	0.087	18
19	0.1068	0.0858	0.0628	0.348	0.415	0.233	0.018	0.008	0.018	0.008	0.380	0.085	19
20	0.1068	0.0818	0.0588	0.372	0.387	0.244	0.014	0.008	0.014	0.008	0.364	0.083	20
21	0.1058	0.0778	0.0578	0.408	0.370	0.237	0.010	0.010	0.014	0.014	0.313	0.080	21
22	0.106	0.0758	0.0568	0.455	0.331	0.230	0.008	0.020	0.018	0.013	0.288	0.088	22
23	0.103	0.0748	0.0568	0.505	0.291	0.212	0.005	0.030	0.013	0.014	0.248	0.083	23
24	0.098	0.0738	0.0568	0.573	0.258	0.200	0.005	0.028	0.010	0.015	0.238	0.082	24
25	0.093	0.0728	0.0578	0.688	0.250	0.183	0.005	0.021	0.008	0.018	0.214	0.0798	25
26	0.097	0.0728	0.0608	0.695	0.248	0.185	0.004	0.017	0.007	0.018	0.188	0.0788	26
27	0.092	0.0728	0.069	1.32	0.214	0.147	0.006	0.014	0.006	0.017	0.188	0.0768	27
28	0.095	0.0718	0.096	1.63	0.185	0.127	0.003	0.012	0.006	0.018	0.181	0.0758	28
29	0.092		0.145	1.86	0.176	0.113	0.001	0.010	0.006	0.018	0.171	0.0758	29
30	0.088		0.174	1.34	0.173	0.101	0	0.011	0.005	0.025	0.1688	0.0748	30
31	0.092		0.198		0.165		0	0.019		0.088		0.0748	31
TOTAL	3.722	2.447	2.312	10.366	19.181	5.289	1.240	0.265	0.758	0.481	9.823	3.411	TOTAL
MEAN	0.120	0.087	0.075	0.546	0.618	0.176	0.040	0.009	0.025	0.015	0.327	0.110	MEAN
MAX	0.173	0.109	0.198	1.63	1.25	0.244	0.106	0.030	0.081	0.086	0.875	0.184	MAX
MIN	0.088	0.071	0.063	0.215	0.173	0.101	0	0	0.005	0.003	0.088	0.074	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.178
MAXIMUM DAILY, 1.83 ON APR 28
MINIMUM DAILY, 0 ON JUL 30
MAXIMUM INSTANTANEOUS,
1.85 AT 15:04 EST ON APR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 03 04 N
LONG 84 24 48 W
DRAINAGE AREA, 8.94 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	322	JUL	107
FEB	211	AUG	24.6
MAR	200	SEP	65.6
APR	1 410	OCT	38.8
MAY	1 880	NOV	848
JUN	467	DEC	295

TOTAL DISCHARGE, 5 840 dam³

NORBERG CREEK (SITE C) AT OUTLET OF LITTLE TURKEY LAKE - STATION NO. 028F007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0948	0.0428	0.0348	0.317	0.578	0.130	0.048	0.001	0.023	0.004	0.110	0.0818	1
2	0.0908	0.0328	0.0338	0.336	0.518	0.126	0.042	0.001	0.019	0.007	0.107	0.0858	2
3	0.0858	0.0308	0.0328	0.324	0.562	0.116	0.054	0.002	0.016	0.008	0.103	0.0788	3
4	0.0808	0.0318	0.0458	0.244	0.677	0.102	0.088	0.012	0.015	0.007	0.111	0.0755	4
5	0.0718	0.0368	0.0478	0.297	0.858	0.084	0.058	0.011	0.013	0.010	0.152	0.0718	5
6	0.0678	0.0408	0.0378	0.326	0.838	0.087	0.048	0.008	0.011	0.015	0.285	0.0718	6
7	0.0638	0.0428	0.0308	0.330	0.721	0.087	0.037	0.005	0.012	0.023	0.307	0.0708	7
8	0.0628	0.0448	0.0258	0.318	0.659	0.137	0.031	0.003	0.081	0.024	0.391	0.0688	8
9	0.0628	0.0448	0.0248	0.284	0.488	0.143	0.028	0.003	0.045	0.021	0.388	0.0678	9
10	0.0628	0.0468	0.0238	0.263	0.502	0.138	0.083	0.002	0.038	0.020	0.420	0.0658	10
11	0.0638	0.0448	0.0228	0.226	0.538	0.138	0.040	0.002	0.032	0.020	0.442	0.0638	11
12	0.0658	0.0448	0.024	0.213	0.557	0.127	0.030	0.002	0.027	0.019	0.402	0.0598	12
13	0.0668	0.0508	0.026	0.196	0.600	0.115	0.024	0.001	0.024	0.019	0.326	0.0568	13
14	0.0668	0.0478	0.032	0.193	0.585	0.096	0.020	0.000	0.022	0.019	0.273	0.054	14
15	0.0638	0.0448	0.045	0.188	0.518	0.093	0.017	0.013	0.020	0.019	0.227	0.048	15
16	0.0618	0.0418	0.052	0.178	0.427	0.118	0.018	0.010	0.017	0.018	0.208	0.047	16
17	0.0588	0.0388	0.050	0.191	0.362	0.188	0.016	0.007	0.018	0.018	0.188	0.046	17
18	0.0568	0.0388	0.047	0.212	0.288	0.184	0.014	0.006	0.018	0.016	0.185	0.0458	18
19	0.0548	0.0348	0.038	0.231	0.238	0.184	0.012	0.004	0.014	0.013	0.183	0.0458	19
20	0.0528	0.0318	0.032	0.281	0.228	0.188	0.010	0.007	0.013	0.014	0.178	0.0468	20
21	0.0508	0.0308	0.0278	0.287	0.213	0.172	0.008	0.011	0.013	0.020	0.161	0.0468	21
22	0.0488	0.0298	0.0278	0.353	0.191	0.153	0.007	0.018	0.014	0.018	0.147	0.0448	22
23	0.0488	0.0288	0.0268	0.404	0.173	0.138	0.006	0.022	0.014	0.018	0.138	0.0438	23
24	0.0448	0.0298	0.0278	0.452	0.158	0.130	0.006	0.018	0.010	0.017	0.138	0.0428	24
25	0.040	0.0288	0.0288	0.538	0.158	0.118	0.004	0.014	0.008	0.017	0.130	0.0418	25
26	0.048	0.0368	0.038	0.778	0.184	0.102	0.003	0.012	0.008	0.021	0.120	0.0408	26
27	0.048	0.0368	0.048	1.18	0.184	0.081	0.007	0.010	0.007	0.020	0.118	0.0398	27
28	0.045	0.0388	0.088	1.24	0.127	0.085	0.004	0.011	0.006	0.020	0.108	0.0388	28
29	0.043		0.145	1.01	0.123	0.081	0.002	0.008	0.005	0.024	0.103	0.0378	29
30	0.045		0.171	0.807	0.122	0.084	0.001	0.008	0.004	0.032	0.0988	0.0368	30
31	0.048		0.198		0.130		0.001	0.014		0.078		0.0358	31
TOTAL	1.842	1.085	1.926	11.863	12.735	3.858	0.737	0.285	0.534	0.801	5.312	1.894	TOTAL
MEAN	0.059	0.038	0.062	0.388	0.411	0.122	0.024	0.008	0.018	0.019	0.210	0.058	MEAN
MAX	0.094	0.050	0.198	1.24	0.858	0.188	0.058	0.022	0.081	0.078	0.442	0.081	MAX
MIN	0.040	0.028	0.022	0.178	0.122	0.084	0.001	0.001	0.004	0.004	0.088	0.035	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.117
MAXIMUM DAILY, 1.24 ON APR 28
MINIMUM DAILY, 0.001 ON JUL 30
MAXIMUM INSTANTANEOUS,
1.32 AT 03:14 EST ON APR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 03 41 N
LONG 84 24 44 W
DRAINAGE AREA, 5.40 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	158	JUL	63.7
FEB	91.2	AUG	22.0
MAR	132	SEP	48.1
APR	1 030	OCT	51.9
MAY	1 100	NOV	545
JUN	318	DEC	148

TOTAL DISCHARGE, 3 700 dam³

NORBERG CREEK (SITE D) BELOW WISHART LAKE - STATION NO. 039F003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.052	0.0188	0.0148	0.171	0.331	0.068	0.030	0.002	0.013E	0.003	0.043	0.0438	1
2	0.047	0.0188	0.0148	0.161	0.330	0.068	0.027	0.002	0.011E	0.004	0.055	0.0408	2
3	0.047	0.0188	0.0188	0.139	0.328	0.068	0.027	0.003	0.009E	0.003	0.060	0.0378	3
4	0.0478	0.0188	0.0208	0.155	0.497	0.065	0.030	0.004	0.008E	0.003	0.064	0.0368	4
5	0.045	0.0218	0.0218	0.204	0.738	0.048	0.027	0.003	0.008A	0.003A	0.104	0.0388	5
6	0.041	0.0258	0.0178	0.218	0.517	0.048	0.027	0.003	0.004E	0.004E	0.388	0.0348	6
7	0.036	0.0288	0.0148	0.207	0.311	0.047	0.024	0.002	0.003E	0.005E	0.328A	0.0328	7
8	0.0338	0.0288	0.0128	0.188	0.237	0.088	0.022	0.002	0.017	0.006E	0.2348	0.0328	8
9	0.0328	0.0248	0.0128	0.181	0.280	0.088	0.020	0.002	0.018	0.008E	0.248A	0.0328	9
10	0.0318	0.0248	0.0128	0.138	0.303	0.087	0.024	0.003	0.017	0.011A	0.268E	0.0328	10
11	0.0328	0.0258	0.0118	0.122	0.315	0.098	0.021	0.001	0.017	0.012E	0.293E	0.0408	11
12	0.0328	0.0258	0.0118	0.110	0.329	0.081	0.020	0.001	0.018	0.012E	0.280E	0.0418	12
13	0.0338	0.0268	0.016	0.101	0.378	0.070	0.017	0.001	0.018	0.012E	0.200E	0.0418	13
14	0.0328	0.0248	0.016	0.088	0.318	0.084	0.018	0.004	0.018	0.011E	0.148A	0.0388	14
15	0.0308	0.0238	0.020	0.085	0.284	0.095	0.014	0.003	0.017	0.010E	0.128	0.0328	15
16	0.0288	0.0228	0.020	0.084	0.218	0.073	0.013	0.002	0.014	0.008E	0.118	0.0288	16
17	0.0268	0.0208	0.021	0.105	0.183	0.124	0.012	0.002	0.014	0.008E	0.108	0.0278	17
18	0.0268	0.0198	0.020	0.138	0.148	0.184	0.010	0.002	0.013	0.008E	0.102	0.0258	18
19	0.0288	0.0188	0.018	0.157	0.122	0.182	0.008	0.002	0.011	0.009E	0.089	0.0238	19
20	0.0268	0.0188	0.016	0.178	0.115	0.131	0.006	0.003	0.010	0.011E	0.081	0.0218	20
21	0.0258	0.0178	0.0148	0.213	0.118	0.110	0.006	0.003	0.008	0.008E	0.085	0.0228	21
22	0.0258	0.0168	0.0148	0.260	0.112	0.093	0.005	0.011A	0.008	0.008E	0.078	0.0208	22
23	0.0268	0.0178	0.0148	0.288	0.103	0.080	0.004	0.018E	0.007	0.008E	0.071	0.0208	23
24	0.0248	0.0188	0.0148	0.302	0.094	0.068	0.004	0.011E	0.008	0.007A	0.067	0.0188	24
25	0.0238	0.0168	0.0178	0.381	0.088	0.064	0.003	0.008E	0.008	0.007E	0.062	0.0188	25
26	0.0248	0.0188	0.022	0.588	0.083	0.048	0.003	0.005E	0.005	0.008E	0.067	0.0188	26
27	0.0248	0.0198	0.030	0.956	0.074	0.044	0.004	0.005E	0.004	0.008E	0.0528	0.0188	27
28	0.0228	0.0198	0.057	0.789	0.070	0.041	0.002	0.005A	0.004	0.011E	0.0488	0.0188	28
29	0.0228		0.116	0.635	0.063	0.038	0.002	0.004E	0.004	0.018E	0.0468	0.0148	29
30	0.0238		0.151	0.408	0.061	0.033	0.002	0.008E	0.003	0.020E	0.0448	0.0148	30
31	0.0238		0.170		0.065		0.002	0.015E		0.025A		0.0188	31
TOTAL	0.960	0.575	0.845	7.730	7.163	2.310	0.435	0.137	0.305	0.280	3.948	0.876	TOTAL
MEAN	0.031	0.021	0.030	0.256	0.231	0.077	0.014	0.004	0.010	0.009	0.132	0.028	MEAN
MAX	0.052	0.029	0.170	0.956	0.738	0.184	0.030	0.018	0.018	0.025	0.388	0.062	MAX
MIN	0.022	0.016	0.011	0.084	0.061	0.033	0.002	0.001	0.003	0.003	0.043	0.016	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.070
MAXIMUM DAILY, 0.956 ON APR 27
MINIMUM DAILY, 0.001 ON AUG 11
MAXIMUM INSTANTANEOUS,
1.10 AT 23 32 EST ON APR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 02 48 N
LONG 66 24.14 W
DRAINAGE AREA, 6.08 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	83.8	JUL	37.5
FEB	48.7	AUG	11.8
MAR	81.6	SEP	26.4
APR	656	OCT	24.2
MAY	619	NOV	341
JUN	200	DEC	75.8

TOTAL DISCHARGE, 2 230 dam³

NORBERG CREEK (SITE E) BELOW BATCHAWANA LAKE - STATION NO. 039F005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0208	0.0118	0.0098	0.1308	0.172	0.044	0.007	E	0.010	0.001	0.132	0.021	1
2	0.0198	0.0108	0.0128	0.1058	0.184	0.035	0.001	0	0.004	0.001	0.060	0.0218	2
3	0.018	0.0108	0.0128	0.081A	0.243	0.025	0.001	0	0.002	0.002	0.051	0.0218	3
4	0.018	0.0108	0.0148	0.1448	0.433	0.018	0.018	E.001	0.001	0.003	0.042	0.021	4
5	0.0188	0.0118	0.0128	0.163	0.498	0.014	0.014	E	0.001	0.006	0.333	0.020	5
6	0.0178	0.0128	0.0118	0.161	0.281	0.022	0.006	0	0.004	0.018	0.459	0.0208	6
7	0.0178	0.0128	0.0108	0.137	0.159	0.027	0.002	0	0.003	0.017	0.167	0.0208	7
8	0.0188	0.0128	0.0088	0.103	0.151	0.106	0.001	0	0.047	0.013	0.118	0.0208	8
9	0.0188	0.0118	0.0098	0.084	0.212	0.110	0	0	0.023	0.011	E.208	0.0208	9
10	0.0188	0.0118	0.0088	0.084	0.238	0.087	0.007	0	0.017	0.009	E.178	0.0198	10
11	0.0188	0.0118	0.0088	0.080	0.237	0.041	0.003	0	0.012	0.008	0.133	0.0198	11
12	0.0188	0.0118	0.0088	0.047	0.287	0.026	0.008	E	0.010	0.007	0.092	0.0188	12
13	0.0188	0.0118	0.0088	0.044	0.305	0.032	0.006	0	0.004	0.007	0.063	0.0178	13
14	0.0188	0.0128	0.0088	0.045	0.218	0.028	0.006	E.001	0.002	0.008	0.054	0.017	14
15	0.0188	0.0128	0.0108	0.048	0.170	0.030	0.004	0.001	0.001	0.005	0.047	0.015	15
16	0.0188	0.0128	0.0128	0.047	0.141	0.067	0.003	E.001	0.001	0.005	0.0428	0.015	16
17	0.0188	0.0128	0.0138	0.085	0.098	0.210	0.001	0	0.001	0.004	0.0388	0.014	17
18	0.0188	0.0128	0.0138	0.116	0.068	0.134	0.001	E	0.001	0.004	0.0358	0.014	18
19	0.0188	0.0128	0.0118	0.105	0.063	0.082	0.001	0	0.001	0.003	0.033	0.013	19
20	0.0188	0.0128	0.0108	0.116	0.068	0.048	0	E.001	0.004	0.003	0.0338	0.012	20
21	0.0188	0.0128	0.0098	0.148	0.081	0.033	0	0.001	0.004	0.004	0.0328	0.011	21
22	0.0188	0.0128	0.0088	0.161	0.082	0.024	0	E.008	0.005	0.005	0.030	0.010	22
23	0.0188	0.0128	0.0088	0.185	0.051	0.018	0	E.008	0.005	0.006	0.027	0.010	23
24	0.0188	0.0138	0.0088	0.180	0.043	0.013	0	0.003	0.003	0.007	0.027	0.010	24
25	0.0188	0.0138	0.0128	0.302	0.048	0.007	0	0.001	0.003	0.008	0.026	0.010	25
26	0.0188	0.0148	0.0188	0.523	0.040	0.008	E	0.001	0.002	0.007	0.025	0.0088	26
27	0.0188	0.0138	0.0228	0.800	0.031	0.006	0	0	0.002	0.007	0.024	0.0088	27
28	0.0148	0.0138	0.0748	0.462	0.026	0.018	0	E	0.002	0.007	0.023	0.0088	28
29	0.0138		0.1848	0.312	0.018	0.008	E	0	0.001	0.009	0.0228	0.0088	29
30	0.0148		0.1888	0.208	0.021	0.003	0	0	0.001	0.020	0.0218	0.0088	30
31	0.0138		0.183A		0.047		0	E.007		0.089		0.008	31
TOTAL	0.491	0.329	0.921	4.829	4.868	1.280	0.080	0.035	0.177	0.313	2.987	0.462	TOTAL
MEAN	0.016	0.012	0.030	0.156	0.151	0.043	0.003	0.001	0.006	0.010	0.067	0.015	MEAN
MAX	0.020	0.014	0.184	0.800	0.499	0.210	E.015	E.008	0.047	0.089	0.459	0.021	MAX
MIN	0.013	0.010	0.008	0.044	0.018	0.003	0	E	0.001	0.001	0.021	0.008	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.045
MAXIMUM DAILY, 0.800 ON APR 27
MINIMUM DAILY, 0 ON JUL 9
MAXIMUM INSTANTANEOUS,
0.987 AT 20:30 EST ON NOV 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 03 38 N
LONG 66 23.86 W
DRAINAGE AREA, 2.11 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	42.4	JUL	7.78
FEB	26.4	AUG	3.02
MAR	79.6	SEP	15.3
APR	428	OCT	27.0
MAY	405	NOV	224
JUN	111	DEC	39.9

TOTAL DISCHARGE, 1 410 dam³

NORBERG CREEK (SITE F) AT OUTLET OF BATCHAWANA LAKE - STATION NO. 02BF012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.010	0.008E	0.008E	0.031A	0.073	0.008	0.002	0	0.001	0	0.038	0.008	1
2	0.0108	0.008E	0.008E	0.027E	0.061A	0.008	0.003	0	0.001	0	0.031	0.0108	2
3	0.0108	0.008E	0.008E	0.028A	0.070A	0.008	0.001	0	0.001	0	0.023	0.0108	3
4	0.0118	0.008E	0.007E	0.032E	0.105E	0.008	0.001	0	0.001	0	0.021	0.0118	4
5	0.0108	0.008E	0.007E	0.071A	0.177A	0.008	0.001	0	0	0.001	0.112	0.0118	5
6	0.0108	0.008E	0.007E	0.047A	0.131	0.008	0.001	0	0.001	0.002	0.181	0.0118	6
7	0.008E	0.008E	0.008E	0.041A	0.071	0.012	0	0	0.001	0.002	0.087	0.0118	7
8	0.008E	0.007E	0.008E	0.033A	0.068	0.026	0	0	0.008	0.003	0.050	0.0108	8
9	0.008E	0.007E	0.008E	0.030E	0.105	0.042	0	0	0.008	0.003	0.042	0.0108	9
10	0.008E	0.007E	0.008E	0.028A	0.114	0.037	0	0	0.008	0.003	0.070	0.008E	10
11	0.008E	0.008E	0.008E	0.030A	0.118	0.020	0	0	0.005	0.003	0.058	0.008	11
12	0.008E	0.008E	0.008E	0.018	0.160	0.014	0	0	0.004	0.002	0.038	0.006	12
13	0.008E	0.008E	0.007E	0.018	0.178	0.015	0	0	0.003	0.002	0.031	0.006	13
14	0.008E	0.008E	0.008E	0.018	0.132	0.016	0.001	0	0	0.002	0.025	0.007	14
15	0.008E	0.008E	0.008E	0.018	0.102	0.018	0.002	0	0	0.002	0.021	0.007	15
16	0.008E	0.008E	0.007E	0.018	0.086	0.026	0.003	0	0	0.002	0.020	0.006E	16
17	0.008E	0.008E	0.007E	0.022	0.081	0.135	0.002	0	0	0.001	0.020	0.006E	17
18	0.008E	0.008E	0.007E	0.030	0.041	0.063	0.002	0	0	0.001	0.019	0.006E	18
19	0.008E	0.008E	0.006E	0.040	0.034	0.021	0.002	0	0	0.001	0.020	0.006E	19
20	0.008E	0.008E	0.006E	0.040	0.033	0.018	0.001	0	0	0.001	0.021	0.006E	20
21	0.008E	0.006E	0.006E	0.044	0.038	0.018	0.001	0	0.001	0.002	0.018	0.005E	21
22	0.008E	0.006E	0.005E	0.062	0.032	0.016	0.001	0.001	0.002	0.001	0.016	0.005E	22
23	0.008E	0.007E	0.005E	0.061	0.025	0.012	0.001	0.001	0.002	0.002	0.016	0.005E	23
24	0.008E	0.007E	0.005E	0.074	0.020	0.001	0	0.001	0.001	0.002	0.016	0.005E	24
25	0.008E	0.007E	0.005E	0.110	0.017	0	0	0.001	0.001	0.002	0.013	0.005E	25
26	0.008E	0.007E	0.005E	0.183	0.008	0	0	0.001	0.001	0.002	0.011	0.005E	26
27	0.008E	0.007E	0.007E	0.224	0.008	0	0	0	0.001	0.002	0.011	0.005E	27
28	0.008E	0.007E	0.070E	0.175	0.006	0	0	0	0.001	0.002	0.010	0.005E	28
29	0.008E		0.186E	0.127	0.006	0	0	0	0.001	0.002	0.010	0.005E	29
30	0.008E		0.073A	0.083	0.006	0.001	0	0	0.001	0.003	0.0108	0.005E	30
31	0.007E		0.041A		0.006		0	0		0.010		0.005E	31
TOTAL	0.275	0.210	0.527	1.770	2.080	0.548	0.025	0.005	0.044	0.081	1.082	0.228	TOTAL
MEAN	0.008	0.00E	0.017	0.058	0.067	0.018	0.001	0	0.002	0.002	0.035	0.007	MEAN
MAX	0.011	0.008	0.186	0.224	0.177	0.135	0.003	0.001	0.008	0.010	0.181	0.011	MAX
MIN	0.007	0.00E	0.005	0.018	0.006	0	0	0	0	0	0.010	0.005	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.019
MAXIMUM DAILY, 0.224 ON APR 27
MINIMUM DAILY, 0 ON JUN 28
MAXIMUM INSTANTANEOUS,
0.328 AT 23:00 EST ON NOV 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 03 47 N
LONG 84 23 38 W
DRAINAGE AREA, 1.15 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	23.8	JUL	2.16
FEB	16.1	AUG	0.43
MAR	45.5	SEP	4.15
APR	153	OCT	5.27
MAY	181	NOV	80.9
JUN	47.2	DEC	19.7

TOTAL DISCHARGE, 581 dam³

NORTH BRANCH MUSKOKA RIVER AT PORT SYDNEY - STATION NO. 02EB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.0	16.3	15.0	76.1	73.1	17.8A	22.8	2.20	5.80	5.78	5.37	23.0	1
2	17.9	16.1	16.5	82.5	72.2	16.0	22.3	2.21	5.98	5.67	5.46	22.6	2
3	17.9	17.9	17.7	84.6	55.5	18.3	22.3	2.85	6.06	5.36	5.54	22.2	3
4	17.7	17.5	16.0	86.5	35.5	18.7	18.5	3.33	6.04	4.36	5.57	21.4	4
5	17.2	17.2	16.7	84.5	32.4	20.5	12.2	3.34	6.02	4.18	5.52	20.8	5
6	17.1	17.0	15.7	86.2	36.5	22.4	9.88	3.24	5.96	4.20	5.72	20.3	6
7	18.8	16.9	15.0	86.6	41.0	21.7	7.46	3.18	5.94	4.09	5.75	19.7	7
8	17.9	16.6	14.2	86.9	56.2	21.1	7.44	3.12	5.98	3.99	5.70	19.0	8
9	20.1	17.7	19.5	85.1	63.2	17.0	7.45	3.03	5.29	3.89	5.65	18.4	9
10	21.7	17.9	22.2	81.8	60.5	14.4	7.40	2.82	5.54	4.05	5.11	17.8	10
11	23.8	17.4	20.8	86.4	53.2	15.8	7.30	2.86	5.40	4.10	5.31	17.4	11
12	25.7	17.0	19.6	73.7	53.0	16.6	7.27	2.77	5.37	4.17	5.42	16.8	12
13	26.1	16.6	18.8	63.6	54.6	20.1	6.08	2.66	5.76	4.21	5.55	12.1	13
14	25.3	16.5	19.5	54.8	55.5	34.6	4.77	2.82	10.1	4.18	5.60	12.0	14
15	24.6	16.2	21.1	54.7	56.2	32.6	4.77	2.59	10.8	4.30	5.26	11.8	15
16	24.0	15.8	22.1	64.2	55.7	34.3	4.79	2.69	9.72	4.60	9.21	11.7	16
17	23.8	16.7	24.6	73.4	54.4	37.5	4.63	2.54	9.57	4.55	14.0	11.8	17
18	23.0	16.9	27.4	79.2	42.9	36.7	3.88	2.48	9.38	4.45	22.5	11.7	18
19	22.5	16.2	26.1	76.3	30.5	35.2	2.55	2.43	9.06	4.46	24.5	11.6	19
20	22.3	17.1	27.3	75.0	33.2	34.2	2.54	2.41	8.70	4.53	40.8	11.8	20
21	21.7	17.2	30.8	74.9	34.3	33.3	2.44	2.43	8.36	4.63	51.5	11.3	21
22	21.0	18.3	29.7	74.6	35.1	37.4	2.41	2.47	8.17	4.67	42.0	11.0	22
23	20.5	18.5	28.6	74.2	36.3	66.6	2.41	4.03	8.06	4.75	33.2	10.5	23
24	20.0	17.7	28.7	74.1	36.1	83.9	2.40	5.41	7.58	4.78	32.2	10.5	24
25	19.6	16.9	29.0	73.6	35.1	74.6	2.39	5.41	7.26	4.82	31.0	10.3	25
26	19.9	16.3	29.2	74.1	35.1	58.2	2.41	5.42	6.92	4.97	29.7	10.4	26
27	19.3	15.7	29.3	74.3	34.3	48.4	2.38	5.40	6.58	5.06	28.8	9.95	27
28	18.9	15.3	34.2	74.2	33.3	35.5	2.38	5.38	6.28	5.09	28.4	9.91	28
29	18.4		35.8	74.1	32.1	26.0	2.17	5.50	6.08	5.13	28.8	9.84	29
30	18.5		37.8	73.7	31.4	22.8	2.16	5.52	5.87	5.19	28.8	9.46	30
31	18.9		72.2		28.1A		2.21	5.57		5.28		9.98	31
TOTAL	638.1	478.5	832.7	2 374.1	1 382.2	985.2	211.86	108.11	218.17	143.60	534.44	444.35	TOTAL
MEAN	20.6	17.1	26.9	76.1	44.6	32.8	6.83	3.49	7.31	4.63	17.8	14.3	MEAN
MAX	26.1	18.5	72.2	86.6	73.1	83.9	22.8	5.57	10.8	5.78	51.5	23.0	MAX
MIN	18.4	15.3	14.2	54.7	28.1	14.4	2.16	2.20	5.87	3.89	5.37	9.46	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.8
MAXIMUM DAILY, 86.6 ON APR 7
MINIMUM DAILY, 2.16 ON JUL 30
MAXIMUM INSTANTANEOUS,
90.5 AT 06:17 EST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 12 45 N
LONG 79 18 30 W
DRAINAGE AREA, 1 350 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	85 300	JUL	15 300
FEB	61 400	AUG	9 340
MAR	71 900	SEP	15 900
APR	206 000	OCT	12 400
MAY	119 000	NOV	48 200
JUN	85 100	DEC	38 400

TOTAL DISCHARGE, 721 000 dam³

NORTH BRANCH SOUTH NATION RIVER NEAR HECKSTON - STATION NO. 02LB017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1710	1.75 B	0.0418	2.36	0.487	0.281	0.080	0.628	0.030	0.018	0.241	0.5408	1
2	0.1688	0.7158	0.0408	2.47	1.34	0.330	0.076	0.468	0.038	0.018	0.262	0.5108	2
3	0.1658	0.2808	0.0388	3.13	3.85	0.421	0.088	0.378	0.034	0.084	0.884	0.4908	3
4	0.1648	0.1328	0.0378	3.88	2.38	0.463	0.058	0.777	0.030	0.147	0.547	0.4728	4
5	0.1588	0.1208	0.0358	4.23	1.76	0.460	0.053	0.408	0.030	0.075	0.398	0.4568	5
6	0.1578	0.1108	0.0338	3.41	2.06	0.308	0.051	0.261	0.024	0.042	0.261	0.4338	6
7	0.1578	0.1088	0.0318	2.80	4.84	0.228	0.050	0.238	0.023	0.032	0.310	0.4228	7
8	0.8048	0.1068	0.0318	2.26	3.84	0.183	0.043	0.184	0.023	0.028	0.588	0.4068	8
9	1.26 B	0.1028	0.0308	1.85	2.36	0.247	0.042	0.159	0.021	0.027	0.896	0.3878	9
10	0.3238	0.1018	0.0308	1.84	1.83	0.783	0.132	0.127	0.020	0.032	0.737	0.3868	10
11	0.1868	0.0988	0.0298	1.38	1.68	1.85	0.267	0.104	0.018	0.047	0.583	0.3408	11
12	0.1608	0.0978	0.0288	1.05	2.85	0.871	0.148	0.083	0.018	0.036	0.531	0.3058	12
13	0.1548	0.0788	0.0308	1.01	3.46	0.568	0.087	0.081	0.017	0.031	0.424	0.2808	13
14	0.1508	0.1308	0.1808	1.32	3.61	0.418	0.062	0.083	0.018	0.027	0.345	0.2618	14
15	0.1378	0.2008	5.85 B	1.26	3.08	0.312	0.052	0.078	0.018	0.028	2.88	0.2448	15
16	0.1308	0.1178	2.50 B	1.21	1.82	0.283	0.045	0.084	0.016	0.061	2.82	0.2298	16
17	0.1258	0.1148	1.32 B	1.11	1.43	1.33	0.038	0.057	0.018	0.060	2.21	0.2118	17
18	0.1218	0.1088	0.9508	1.94	1.14	1.46	0.036	0.046	0.020	0.103	1.82	0.1648	18
19	0.1178	0.1048	0.6408	1.57	0.873	1.03	0.028	0.042	0.018	0.113	1.11	0.1708	19
20	0.1128	0.0948	0.4178	1.35	0.783	0.980	0.031	0.043	0.018	0.358	1.38	0.1628	20
21	0.1088	0.0888	0.2668	1.11	0.713	0.548	0.027	0.085	0.014	0.515	1.88 B	0.1528	21
22	0.1088	0.0808	0.2478	0.925	0.528	0.482	0.023	0.153	0.014	0.402	0.8068	0.1398	22
23	0.1078	0.0578	0.2108	0.819	0.537	0.414	0.024	0.124	0.031	0.280	0.5348	0.1318	23
24	0.1058	0.0538	0.1648	0.708	0.461	0.345	0.020	0.095	0.042	0.200	0.5218	0.1218	24
25	0.1038	0.0518	0.2708	0.623	0.384	0.288	0.018	0.080	0.043	0.191	0.478	0.1188	25
26	0.1008	0.0488	5.61 B	0.565	0.383	0.220	0.017	0.065	0.030	0.152	0.4988	0.1128	26
27	0.0988	0.0488	6.92 B	0.527	0.399	0.198	0.028	0.048	0.023	0.198	0.5418	0.1068	27
28	0.0808	0.0428	6.16 B	0.473	0.324	0.187	0.070	0.039	0.022	0.158	0.5868	0.1058	28
29	0.0948		7.61 B	0.442	0.244	0.137	1.84	0.033	0.021	0.128	0.5548	0.1018	29
30	0.1708		4.60	0.470	0.231	0.105	1.37	0.028	0.021	0.127	0.5898	0.1008	30
31	1.12 B		3.88		0.320		0.908	0.025		0.227		0.0939	31
TOTAL	6.935	5.088	50.907	48.081	48.818	15.272	5.568	5.103	0.707	3.840	26.123	8.148	TOTAL
MEAN	0.224	0.182	1.63	1.60	1.61	0.509	0.180	0.165	0.024	0.127	0.871	0.263	MEAN
MAX	1.26	1.75	8.16	4.23	4.84	1.85	1.84	0.777	0.043	0.515	2.82	0.540	MAX
MIN	0.080	0.042	0.026	0.442	0.231	0.105	0.017	0.025	0.014	0.018	0.241	0.093	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.518
MAXIMUM DAILY, 8.16B ON MAR 28
MINIMUM DAILY, 0.014 ON SEP 21

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 59 40 N
LONG 75 31 00 W
DRAINAGE AREA, 89.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	599	JUL	483
FEB	440	AUG	441
MAR	4 380	SEP	61.1
APR	4 150	OCT	340
MAY	4 310	NOV	2 280
JUN	1 320	DEC	704

TOTAL DISCHARGE, 19 600 dam³

NORTH CURRENT RIVER NEAR THUNDER BAY - STATION NO. 02AB014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5558	0.4265	0.2628	0.3188	8.56	1.81	0.756	0.085	0.133	0.101	0.145	0.1848	1
2	0.5508	0.4218	0.2578	0.3268	8.33	1.58	0.634	0.085	0.107	0.161	0.136	0.1828	2
3	0.5458	0.4148	0.2538	0.3338	10.7	1.44	0.550	0.088	0.087	0.185	0.128	0.1808	3
4	0.5408	0.4068	0.2508	0.3448	12.2	1.26	0.432	0.084	0.414	0.157	0.144	0.1768	4
5	0.5358	0.4058	0.2478	0.3538	16.0	1.15	0.352	0.126	0.858	0.155	0.162	0.1768	5
6	0.5308	0.3868	0.2448	0.3648	13.4	1.07	0.388	0.132	0.548	0.172	0.222	0.1748	6
7	0.5258	0.3838	0.2418	0.3638	9.32	1.04	0.342	0.088	0.327	0.182	0.208	0.1738	7
8	0.5208	0.3678	0.2388	0.4068	7.74	1.28	0.282	0.080	0.270	0.136	0.321	0.1728	8
9	0.5158	0.3608	0.2358	0.4258	6.75	1.37	0.241	0.073	0.180	0.137	0.514	0.1718	9
10	0.5108	0.3768	0.2348	0.4598	8.08	1.20	0.252	0.067	0.213	0.156	0.472	0.1708	10
11	0.5078	0.3688	0.2328	0.4758	5.39	0.978	0.233	0.079	0.110	0.128	0.428	0.1888	11
12	0.5048	0.3628	0.2308	0.5308	4.78	0.840	0.204	0.101	0.183	0.138	0.3658	0.1868	12
13	0.5008	0.3578	0.2298	0.6108	4.38	1.66	0.169	0.080	0.138	0.130	0.337	0.1878	13
14	0.4978	0.3508	0.2278	0.7268	4.15	2.10	0.168	0.078	0.112	0.138	0.317	0.1868	14
15	0.4958	0.3458	0.2258	0.8608	3.80	1.68	0.182	0.075	0.098	0.128	0.301	0.1858	15
16	0.4928	0.3388	0.2248	1.03 B	3.36	1.25	0.157	0.082	0.088	0.118	0.245	0.1848	16
17	0.4888	0.3338	0.2228	1.24 B	2.96	0.948	0.159	0.068	0.076	0.127	0.2378	0.1838	17
18	0.4848	0.3278	0.2218	1.80 B	2.63	0.762	0.161	0.080	0.071	0.138	0.2308	0.1828	18
19	0.4828	0.3208	0.2208	1.85 B	2.42	0.674	0.161	0.086	0.080	0.131	0.2248	0.1818	19
20	0.4808	0.3148	0.2188	2.30 B	3.26	0.862	0.142	0.215	0.222	0.130	0.2188	0.1808	20
21	0.4778	0.3068	0.2168	2.90 B	4.36	0.610	0.130	0.145	0.220	0.131	0.2138	0.1808	21
22	0.4738	0.3038	0.2178	3.75 B	3.48	0.434	0.124	0.448	0.237	0.120	0.2088	0.1898	22
23	0.4708	0.2978	0.2168	4.80 B	3.43	0.470	0.114	0.288	0.204	0.106	0.2068	0.1848	23
24	0.4668	0.2908	0.2168	6.00 B	3.21	0.526	0.088	0.248	0.187	0.111	0.2018	0.1878	24
25	0.4628	0.2868	0.2268	7.51	4.87	0.534	0.086	0.184	0.137	0.101	0.1898	0.1888	25
26	0.4578	0.2808	0.2408	10.2	4.80	0.772	0.100	0.134	0.128	0.100	0.1868	0.1868	26
27	0.4538	0.2758	0.2538	12.8	3.77	0.830	0.128	0.108	0.114	0.100	0.1928	0.1848	27
28	0.4488	0.2708	0.2708	13.4	3.08	0.728	0.138	0.088	0.114	0.094	0.1898	0.1838	28
29	0.4448		0.2688	13.2	2.74	0.568	0.120	0.268	0.112	0.113	0.1848	0.1928	29
30	0.4408		0.3028	11.0	2.47	0.704	0.107	0.227	0.108	0.168	0.1688	0.1918	30
31	0.4368		0.3108		2.12		0.102	0.158		0.150		0.1908	31
TOTAL	15.280	8.734	7.488	100.074	178.48	31.161	7.220	4.238	5.883	4.106	7.355	5.110	TOTAL
MEAN	0.493	0.348	0.241	3.34	5.89	1.04	0.233	0.137	0.196	0.132	0.245	0.165	MEAN
MAX	0.558	0.426	0.310	13.4	16.0	2.10	0.756	0.448	0.858	0.185	0.514	0.184	MAX
MIN	0.436	0.270	0.218	0.318	2.12	0.434	0.088	0.080	0.071	0.084	0.128	0.150	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.03
MAXIMUM DAILY, 16.0 ON MAY 5
MINIMUM DAILY, 0.060 ON AUG 16
MAXIMUM INSTANTANEOUS,
17.9 AT 19:56 EST ON MAY 5

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 30 04 N
LONG 89 19 47 W
DRAINAGE AREA, 111 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 330	JUL	934
FEB	841	AUG	366
MAR	848	SEP	515
APR	4 950	OCT	355
MAY	15 300	NOV	636
JUN	2 950	DEC	442

TOTAL DISCHARGE, 32 300 dam³

NORTH FRENCH RIVER NEAR THE MOUTH - STATION NO. 04MF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	38.0B	18.7B	10.2 B	10.7B	43.0B	200	38.5E	29.0E	32.2E	72.7	218	90.0B	1
2	37.0B	18.4B	10.1 B	10.8B	58.0B	181	38.0E	29.5E	32.5E	74.5	722	84.0B	2
3	36.5B	18.0B	10.0 B	11.1B	105 B	173	35.5E	32.0E	32.3E	75.1	215	78.0B	3
4	34.5B	15.8B	9.85B	11.3B	180 B	174	34.0E	34.0E	31.4E	73.4	203	73.0B	4
5	33.5B	15.9B	9.80B	11.6B	210 B	173	34.5E	43.0E	31.0E	74.0	180	89.0B	5
6	32.5B	15.2B	9.65B	11.7B	280 B	170	40.0E	62.0E	30.6E	74.7	178	85.0B	6
7	31.5B	15.0B	9.80B	12.0B	380 B	184	60.0E	88.0E	30.9E	89.0	183	82.0B	7
8	30.5B	14.6B	9.78B	12.3B	410 B	186	75.0E	70.0E	31.5E	183	184	85.0B	8
9	28.0B	14.3B	9.70B	12.7B	461	147	74.0E	89.0E	32.8A	185	178	86.5B	9
10	26.5B	13.9B	9.65B	13.1B	435	147	74.0E	87.0E	32.7	185	178	84.5B	10
11	27.5B	13.7B	9.80B	13.5B	420	182	80.0E	84.0E	32.3	171	174	82.0B	11
12	26.5B	13.4B	9.55B	14.0B	415	218	81.0E	80.0E	32.5	157	183	80.0B	12
13	26.0B	13.1B	9.45B	14.4B	448	207 A	80.0E	86.0E	37.5	150	144	46.0B	13
14	25.5B	12.8B	9.40B	15.0B	519	175 E	80.0E	84.0E	47.5	148	138	48.0B	14
15	25.0B	12.7B	9.38B	15.3B	565	150 E	68.0E	53.5E	46.5	142	134	44.5B	15
16	24.5B	12.5B	9.30B	15.9B	546	130 E	60.0E	62.5E	48.1	132	127 B	43.5B	16
17	23.5B	12.3B	9.28B	16.4B	509	115 E	61.0E	60.5E	42.3	133	131 B	41.0B	17
18	23.0B	12.1B	9.25B	17.0B	472	100 E	64.0E	46.0E	38.5	113	138 B	39.5B	18
19	22.5B	11.8B	9.24B	17.7B	437	90.0E	61.0E	43.0E	35.5	103	144 B	37.5B	19
20	22.0B	11.6B	9.23B	16.9B	402	80.0E	40.0E	39.5E	33.4	94.5	151 B	36.0B	20
21	21.5B	11.7B	9.22B	19.5B	373	86.0E	37.0E	39.0E	33.2	83.1	157 B	34.5B	21
22	21.0B	11.4B	9.21B	21.0B	346	81.0E	33.0E	39.5E	32.5	142	155 B	33.0B	22
23	20.5B	11.2B	9.20B	22.0B	362	85.0E	29.0E	39.0E	33.5	148	152 B	32.0B	23
24	20.2B	11.0B	9.20B	23.2B	356	82.0E	27.5E	38.0E	45.3	201	145 B	30.5B	24
25	19.8B	10.8B	9.30B	24.7B	347	45.0E	28.5E	36.5E	67.8	206	137 B	29.5B	25
26	19.2B	10.7B	9.40B	27.0B	334	44.0E	29.0E	35.0E	75.2	213	126 B	28.0B	26
27	18.8B	10.8B	9.60B	26.5B	309	41.0E	32.0E	33.0E	76.7	231	118 B	27.0B	27
28	18.2B	10.5B	9.80B	31.5B	265	39.0E	36.0E	31.5E	78.1	248	108 B	26.0B	28
29	17.8B		10.0 B	35.0B	263	38.5E	35.5E	30.7E	71.6	246	103 B	25.5B	29
30	17.3B		10.2 B	38.5B	245	39.0E	34.0E	30.6E	70.9	226	98.0B	24.4B	30
31	17.0B		10.3 B		231		31.0E	31.0E		213		23.7B	31
TOTAL	787.5	388.0	297.95	565.9	10 715.0	3 818.5	1 900.0	1 406.5	1 288.5	4 505.0	4 575.0	1 443.1	TOTAL
MEAN	25.4	13.1	9.61	18.2	346	121	46.4	45.4	43.2	148	155	46.5	MEAN
MAX	38.0	18.7	10.3	38.5	565	218	91.0	70.0	78.7	248	222	90.0	MAX
MIN	17.0	10.5	9.20	10.7	43.0	38.5	28.5	29.0	30.6	72.7	98.0	23.7	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 85.6
MAXIMUM DAILY, 565 ON MAY 15
MINIMUM DAILY, 9.20B ON MAR 23
MAXIMUM INSTANTANEOUS,
572 AT 15:00 EST ON MAY 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 05 00 N
LONG 80 46 00 W
DRAINAGE AREA, 8 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	68 000	JUL	130 000
FEB	31 600	AUG	123 000
MAR	25 700	SEP	112 000
APR	47 200	OCT	388 000
MAY	926 000	NOV	404 000
JUN	312 000	DEC	125 000

TOTAL DISCHARGE, 2 700 000 dam³

NORTH MAGNETAWAN RIVER ABOVE PICKEREL LAKE - STATION NO. 02EA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.24 B	0.960B	0.740B	17.8	8.37	2.03	1.45	0.341	0.224	0.260	0.806	1.33 B	1
2	1.19 B	0.880B	0.730B	13.4	5.83	2.03	1.31	0.313	0.307	0.229	0.793	1.29 B	2
3	1.13 B	0.970B	0.720B	8.56	7.69	1.88	1.18	0.328	0.371	0.208	0.832	1.27 B	3
4	1.06 B	0.885B	0.710B	8.46	7.73	2.01	1.07	0.374	0.330	0.200	0.738	1.26 B	4
5	1.03 B	0.980B	0.700B	11.5	8.68	2.01	1.02	0.376	0.274	0.203	0.845	1.24 B	5
6	1.00 B	0.950B	0.695B	12.6	8.98	1.73	0.987	0.388	0.248	0.233	0.978	1.18 B	6
7	0.990B	0.940B	0.685B	12.3	9.91	1.56	0.893	0.328	0.236	0.270	1.87	1.12 B	7
8	1.08 B	0.930B	0.670B	10.5	8.82	1.43	0.822	0.312	0.227	0.302	1.42	1.07 B	8
9	1.24 B	0.925B	0.660B	9.02	9.59	1.41	0.749	0.297	0.221	0.319	1.25	1.02 B	9
10	1.41 A	0.920B	0.650B	7.08	8.21	7.22	0.721	0.291	0.228	0.306	1.91	0.980B	10
11	1.40 B	0.915B	0.645B	5.82	5.45	10 2	0.887	0.274	0.248	0.342	1.82	0.950B	11
12	1.38 B	0.905B	0.640B	5.03	5.55	4.14	0.815	0.268	0.284	0.458	1.89	0.910B	12
13	1.30 B	0.885B	0.633B	4.43	5.26	4.14	0.585	0.260	0.245	0.495	1.82	0.880B	13
14	1.27 B	0.867B	0.635B	4.01	4.87	3.18	0.561	0.239	0.232	0.478	1.87	0.850B	14
15	1.22 B	0.860B	0.920B	4.28	4.14	2.78	0.517	0.241	0.223	0.437	2.07	0.830B	15
16	1.18 B	0.875B	1.52 B	4.86	3.86	2.51	0.484	0.286	0.229	0.448	6.89	0.805B	16
17	1.16 B	0.865B	2.20 B	7.80	3.22	2.37	0.471	0.269	0.227	0.584	12 2	0.770B	17
18	1.13 B	0.860B	2.40 B	10.4	2.93	2.34	0.438	0.307	0.228	0.685	8.87	0.760B	18
19	1.11 B	0.855B	2.50 B	9.38	2.73	2.28	0.408	0.285	0.226	0.537	8.38	0.730B	19
20	1.09 B	0.850B	2.38 B	8.00	2.72	2.28	0.393	0.260	0.206	0.517	8.12	0.705B	20
21	1.07 B	0.840B	2.20 B	8.50	3.33	2.07	0.389	0.259	0.201	0.633	3.89	0.685B	21
22	1.05 B	0.830B	2.05 B	8.51	5.84	2.51	0.380	0.266	0.210	0.736	3.05 B	0.665B	22
23	1.03 B	0.820B	1.92 B	7.31	5.15	5.60	0.347	0.263	0.219	0.690	2.55 B	0.655B	23
24	1.01 B	0.810B	1.86 B	5.83	4.14	5.74	0.331	0.289	0.306	0.622	2.20 B	0.650B	24
25	0.990B	0.800B	1.91 B	7.02	3.37	3.81	0.311	0.267	0.364	0.562	1.99 B	0.645B	25
26	0.980B	0.785B	2.07 B	9.85	3.05	2.94	0.301	0.247	0.368	0.519	1.80 B	0.655B	26
27	0.970B	0.775B	2.43 B	10.6	2.81	2.87	0.284	0.228	0.324	0.488	1.68 B	0.655B	27
28	0.960B	0.765B	4.29	9.53	2.62	2.06	0.442	0.223	0.287	0.493	1.57 B	0.660B	28
29	0.950B		14.4	7.98	2.31	1.78	0.852	0.217	0.270	0.474	1.49 B	0.650B	29
30	0.940B		23.5	7.08	2.24	1.57	0.488	0.217	0.278	0.449	1.42 B	0.640B	30
31	0.970B		23.7		2.03		0.386	0.210		0.442		0.640B	31
TOTAL	34.880	24.732	101.789	269.89	157.81	93.31	18.508	8.718	7.628	13.587	80.250	27.180	TOTAL
MEAN	1.11	0.883	3.28	8.97	5.09	3.11	0.620	0.281	0.261	0.438	3.70	0.876	MEAN
MAX	1.41	0.960	23.7	17.8	9.91	10.2	1.45	0.376	0.384	0.736	12.2	1.33	MAX
MIN	0.980	0.765	0.635	4.01	2.03	1.41	0.284	0.210	0.201	0.200	0.806	0.640	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.27
MAXIMUM DAILY, 23.7 ON MAR 31
MINIMUM DAILY, 0.200 ON OCT 4
MAXIMUM INSTANTANEOUS,
26.3 AT 09:24 EST ON MAR 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 42 12 N
LONG 79 19 33 W
DRAINAGE AREA, 149 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 990	JUL	1 590
FEB	2 140	AUG	753
MAR	9 790	SEP	676
APR	22 500	OCT	1 170
MAY	13 600	NOV	6 990
JUN	5 990	DEC	2 350

TOTAL DISCHARGE, 71 700 dam³

NORTH MAGNETAWAN RIVER NEAR BURK'S FALLS - STATION NO. 02EA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.07	2.62	2.13	28.4	16.8	5.33	5.83	1.00	0.472	0.271	1.05	5.31	1
2	3.08	2.86	2.08	28.3	15.9	6.04	5.30	0.872	0.510	0.280	1.12	4.88	2
3	3.04	2.80	2.15	24.4	15.9	5.81	4.85	0.865	0.484	0.278	1.17	4.69	3
4	2.80	2.58	2.25	22.8	16.2	5.67	4.48	0.892	0.469	0.260	1.18	4.45	4
5	2.83	2.54	2.23	22.4	16.4	5.45	4.09	0.939	0.463	0.238	1.20	4.28	5
6	2.78	2.60	2.14	23.2	17.4	5.16	3.78	0.817	0.443	0.278	1.42	4.14	6
7	2.89	2.47	2.10	23.6	16.6	4.95	3.48	0.734	0.452	0.284	1.56	3.97	7
8	2.74	2.48	2.07	23.4	16.3	4.56	3.18	0.674	0.445	0.284	1.69	3.76	8
9	2.80	2.57	2.08	22.6	16.4	4.88	2.95	0.634	0.448	0.256	1.67	3.57	9
10	2.87	2.58	2.04	20.0	16.2	10.4	2.81	0.618	0.507	0.272	2.11	3.41	10
11	2.86	2.58	2.02	17.8	17.8	10.7	2.62	0.602	0.491	0.348	2.33	3.28	11
12	3.02	2.85	1.88	18.3	16.5	12.0	2.44	0.589	0.488	0.374	2.85	3.17	12
13	3.04	2.80	1.85	14.8	15.3	12.0	2.28	0.575	0.456	0.408	2.88	3.03	13
14	3.09	2.48	1.92	13.4	14.2	11.3	2.10	0.557	0.452	0.432	2.91	2.90	14
15	3.08	2.48	2.43	12.7	13.0	10.2	1.85	0.560	0.421	0.451	3.30	2.78	15
16	3.09	2.42	2.52	12.4	12.0	9.30	0.718	0.641	0.407	0.408	5.35	2.88	16
17	3.05	2.43	2.71	13.3	11.0	8.65	0.618	0.602	0.384	0.436	8.15	2.55	17
18	3.07	2.37	3.03	15.1	10.1	7.95	0.598	0.584	0.384	0.449	11.2	2.47	18
19	3.05	2.32	3.31	15.6	9.26	7.42	0.595	0.529	0.388	0.472	12.1	2.40	19
20	3.03	2.33	3.62	17.3	8.68	7.06	0.640	0.535	0.352	0.569	12.0	2.35	20
21	3.03	2.30	3.88	17.6	8.65	6.67	0.636	0.565	0.330	0.649	11.4	2.30	21
22	2.95	2.29	4.01	17.6	9.32	7.48	0.622	0.575	0.355	0.644	10.3	2.25	22
23	2.88	2.21	4.06	17.6	9.78	8.08	0.608	0.563	0.377	0.678	9.37	2.19	23
24	2.77	2.20	4.11	15.8	9.84	8.70	0.605	0.534	0.339	0.747	8.47	2.15	24
25	2.81	2.26	4.12	15.7	9.45	9.81	0.845	0.496	0.324	0.810	7.74	2.11	25
26	2.78	2.28	4.20	17.3	8.98	9.40	1.49	0.488	0.330	0.853	7.13	2.09	26
27	2.72	2.26	4.45	18.3	8.54	8.82	1.41	0.442	0.320	0.811	6.57	2.07	27
28	2.63	2.20	5.67	19.0	8.08	7.92	1.28	0.436	0.289	0.806	6.44	2.04	28
29	2.67		9.37	18.8	7.80	7.12	1.17	0.444	0.287	0.869	5.99	1.99	29
30	2.56		14.4	18.0	7.08	6.41	1.13	0.429	0.287	0.874	5.55	1.89	30
31	2.58		21.8		6.67		1.07	0.411		0.946		2.00	31
TOTAL	89.53	68.11	126.85	562.9	387.33	237.85	65.886	19.480	12.148	18.872	155.88	93.37	TOTAL
MEAN	2.89	2.43	4.09	18.8	12.5	7.93	2.13	0.628	0.405	0.512	5.30	3.01	MEAN
MAX	3.09	2.86	21.8	28.4	16.8	12.0	5.83	1.00	0.510	0.946	12.1	5.31	MAX
MIN	2.56	2.20	1.92	12.4	6.67	4.56	0.595	0.411	0.287	0.238	1.06	1.89	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.08
MAXIMUM DAILY, 28.4 ON APR 1
MINIMUM DAILY, 0.238 ON OCT 5
MAXIMUM INSTANTANEOUS,
27.1 AT 21:19 EST ON APR 1

SUMMARY FOR THE YEAR 1969

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 40 10 N
LONG 79 32 43 W
DRAINAGE AREA, 321 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 740	JUL	5 890
FEB	5 880	AUG	1 880
MAR	11 000	SEP	1 050
APR	48 800	OCT	1 370
MAY	34 300	NOV	13 500
JUN	20 800	DEC	8 070

TOTAL DISCHARGE, 159 000 dam³

NORTH RIVER AT THE FALLS - STATION NO. 02ED024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.15	3.86	1.278	20.7 B	1.90E	1.80	0.784	0.353	1.01	0.985	2.02	3.208	1
2	3.10	3.84	1.268	13.3	2.34A	1.52	0.718	0.406	1.92	0.864	2.27	2.308	2
3	2.83	3.12	1.258	10.6	3.61	1.42	0.686	0.532	1.31	0.959	2.43	2.128	3
4	2.788	2.898	1.248	11.0 B	3.86	1.77	0.647	0.547	0.873	1.04	2.13	2.008	4
5	2.658	2.78	1.508	11.6 B	3.65	1.84	0.623	1.04	0.832	0.866	2.01	1.918	5
6	2.588	2.67	1.468	9.26	5.71	1.51	0.584	0.812	0.778	0.948	2.44	1.838	6
7	2.438	2.41	1.418	8.898	7.78	1.38	0.582	0.533	0.783	1.10	2.80	1.788	7
8	3.738	2.26	1.388	9.108	10.3	1.27	0.610	0.502	0.803	1.30	3.29	1.718	8
9	5.398	2.168	1.388	9.388	9.35	1.20	0.716	0.468	1.01	1.38	3.51	1.688	9
10	5.87	2.068	1.368	8.898	5.81	1.26	0.664	0.481	1.01	1.23	3.72	1.628	10
11	4.84	1.988	1.408	3.41	4.29	1.35	0.691	0.482	0.853	2.06	3.38	1.588	11
12	4.37	1.908	1.508	3.14	5.51	1.17	0.689	0.482	0.801	2.22	3.23	1.548	12
13	4.23	1.838	1.408	4.12	8.72	1.03	0.597	0.475	0.702	1.83	2.89	1.518	13
14	3.86	2.008	1.508	4.74	6.71	0.884	0.587	0.477	0.853	1.59	2.82	1.488	14
15	3.60	1.928	2.008	4.87	4.88	0.949	0.581	0.501	0.718	2.58	3.40	1.458	15
16	3.42	1.908	3.008	4.23	4.06	0.845	0.608	0.538	0.699	4.48	10.2	1.438	16
17	3.28	1.738	5.408	3.80	3.37	0.765	0.641	0.533	0.891	3.81	14.3	1.408	17
18	3.15	1.648	5.208	3.20	3.00	0.679	0.644	0.487	0.725	3.02	11.0	1.388	18
19	3.02	1.598	4.708	2.87	2.72	0.880	0.638	0.473	0.688	2.84	7.06	1.368	19
20	2.91	1.538	4.508	2.32	2.57	1.14	0.612	0.488	0.678	2.95	8.13	1.358	20
21	2.56	1.488	4.308	2.04	2.93	3.08	0.582	0.478	0.852	4.88	13.3	1.348	21
22	2.408	1.458	4.108	1.84	2.84	3.66	0.576	0.472	0.736	4.81	7.12	1.328	22
23	2.348	1.408	4.008	1.63	2.25	5.28	0.576	0.539	3.03	3.70	4.07	1.308	23
24	2.328	1.388	3.948	1.52	2.03	3.26	0.583	0.624	3.26	3.04	3.37	1.298	24
25	2.308	1.368	3.908	1.46	1.89	2.17	0.584	0.648E	1.87	2.84	3.43	1.278	25
26	3.008	1.328	4.608	1.46	2.01	1.86	0.576	0.638E	1.50	2.37	3.42	1.268	26
27	3.208	1.308	5.288	1.38	2.15	1.31	0.575	0.643E	1.37	2.18	3.88E	1.258	27
28	3.108	1.288	13.8 B	1.28	1.82	1.17	0.575	0.641E	1.22	2.06	7.18E	1.258	28
29	2.93		39.0 B	1.20	1.80	1.04	0.570	0.588E	1.15	1.88	5.47E	1.248	28
30	2.84		43.0 B	1.80E	1.51	0.893	0.567	1.03 A	1.08	1.66	4.89B	1.238	30
31	3.31		31.0 B		1.53		0.567	1.13		1.66		1.508	31
TOTAL	101.88	55.84	201.40	148.31	123.51	48.475	14.853	17.384	33.877	68.834	150.09	48.84	TOTAL
MEAN	3.28	2.02	6.50	4.84	3.88	1.82	0.482	0.580	1.12	2.21	5.00	1.58	MEAN
MAX	5.87	3.86	43.0	20.7	10.3	5.28	0.784	1.13	3.26	4.88	14.3	3.20	MAX
MIN	2.30	1.26	1.26	1.20	1.51	0.765	0.567	0.383	0.653	0.849	2.01	1.23	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.78
MAXIMUM DAILY, 43.0B ON MAR 30
MINIMUM DAILY, 0.383 ON AUG 1
MAXIMUM INSTANTANEOUS,
51.7B AT 15:29 EST ON MAR 30

SUMMARY FOR THE YEAR 1969

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 48 05 N
LONG 79 34 38 W
DRAINAGE AREA, 248 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 790	JUL	1 280
FEB	4 880	AUG	1 500
MAR	17 400	SEP	2 810
APR	12 800	OCT	5 930
MAY	10 700	NOV	13 000
JUN	4 190	DEC	4 230

TOTAL DISCHARGE, 87 800 dam³

NORTH RIVER NEAR COLDWATER - STATION NO. 02ED022

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.357	2.344	2.325	2.481	2.373	2.451	2.477	2.488	2.418	2.255	2.516	2.161	1
2	2.412	2.336	2.281	2.345	2.383	2.437	2.480	2.530	2.482	2.308	2.263	2.100	2
3	2.290	2.285	2.181	2.331	2.430	2.434	2.472	2.543	2.435	2.869	2.238	2.225	3
4	2.241A	2.268	2.104	2.364	2.332	2.494	2.497	2.561	2.340	2.885	2.089	2.088A	4
5	3.302	2.282	2.208	2.378	2.371	2.442	2.442	2.522	2.381	2.332	2.128	2.114	5
6	2.131	2.303	2.188	2.378	2.485	2.418	2.481	2.632	2.407	2.472	2.349	2.284	6
7	2.184	2.330	2.185	2.381	2.588	2.408	2.540	2.541	2.384	2.554	2.214	2.200A	7
8	2.481	2.488	2.188	2.303	2.471	2.412	2.485	2.504	2.409	2.318	2.133	2.108	8
9	2.485	2.423	2.210	2.378	2.382	2.371	2.473	2.483	2.400	2.266	2.284	2.116	9
10	2.427	2.367	2.185	2.388	2.340	2.821	2.807	2.482	2.457	2.148	2.332	2.207	10
11	2.347	2.390	2.180	2.323	2.382	2.508	2.587	2.471	2.408	2.283	2.508	2.115	11
12	2.323	2.393	2.204	2.289	2.361	2.387	2.484	2.473	2.438	2.328	2.539	2.068	12
13	2.481	2.221	2.183	2.387	2.338	2.387	2.505	2.482	2.413	2.368	2.112	2.042	13
14	2.372	2.284	2.185	2.305	2.338	2.378	2.524	2.485	2.388	2.178	2.181	2.013	14
15	2.434	2.263	2.298	2.380	2.389	2.388	2.473	2.494	2.402	2.179	2.131	---	15
16	2.340	2.280	2.386	2.304	2.387	2.400	2.485	2.549	2.334	2.285	2.386	---	16
17	2.411	2.239	2.328	2.352	2.374	2.451	2.473	2.484	2.390	2.161	2.585	---	17
18	2.291	2.224	2.309	2.388	2.327	2.492	2.473	2.386	2.377	2.182	2.391	---	18
19	2.325	2.265	2.325	2.389	2.304	2.457	2.448	2.401	2.328	2.051	2.354	---	19
20	2.389	2.247	2.309	2.343	2.287	2.448	2.404	2.417	2.388	2.108	2.554	---	20
21	2.277	2.232	2.324	2.382	2.520	2.440	2.428	2.539	2.393	2.261	2.557	2.113A	21
22	2.388	2.262	2.303	2.387	2.407	2.446	2.455	2.431	2.374	2.397	2.360	---	22
23	2.304	2.206	2.282	2.356	2.311	2.479	2.472	2.501	2.786	2.223	2.222	---	23
24	2.264	2.187A	2.261	2.347	2.347	2.487	2.473	2.404	2.437	2.210	2.279	2.187A	24
25	2.114	2.184A	2.301	2.310	2.304	2.519	2.482	2.351	2.389	2.200	2.200	---	25
26	2.261	2.186	2.320	2.334	2.430	2.472	2.483	2.380	2.483	2.207	2.308	---	26
27	2.386	2.242	2.433	2.348	2.521	2.545	2.585	2.388	2.332	2.202	2.088	---	27
28	2.334	2.201	2.822	2.287	2.410	2.580	2.518	2.405	2.377	2.184	2.310	---	28
29	2.308		3.124	2.264	2.354	2.533	2.490	2.376	2.485	2.182	2.285	2.041	29
30	2.334		3.178	2.321	2.388	2.480	2.468	2.871	2.306	2.183	2.407	2.019	30
31	2.340		2.858		2.385		2.445	2.428		2.183		2.084	31
MEAN	2.323	2.283	2.345	2.347	2.380	2.459	2.487	2.488	2.406	2.279	2.308	---	MEAN
MAX	2.485	2.489	3.178	2.481	2.589	2.821	2.807	2.632	2.786	2.585	2.585	---	MAX
MIN	2.114	2.184	2.104	2.259	2.271	2.371	2.404	2.351	2.306	2.051	2.088	---	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

A - MANUAL GAUGE

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 44 22 N
LONG 79 38 12 W

MAXIMUM DAILY, 3.178 ON MAR 30

MAXIMUM INSTANTANEOUS,
3.472 AT 14:05 EST ON MAR 30

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 174.057 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

NORTH SAUGEEN RIVER ABOVE CHESLEY - STATION NO. 02FC018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.85	4.51B	1.44B	16.3	3.78	3.50	2.71	1.30	1.34	1.12	1.33	3.78B	1
2	4.15	4.84B	1.45B	13.8	3.76	3.47	2.59	1.28	1.30	1.13	1.36	3.28B	2
3	3.82B	4.79B	1.42B	11.8	3.75	3.42	2.50	1.27	1.32	1.14	1.39	3.05B	3
4	3.38B	4.46B	1.44B	11.3	3.75	3.54	2.50	1.46	1.30	1.11	1.36	2.87B	4
5	3.18B	4.18B	1.49B	11.1	3.84	3.18	2.42	1.49	1.32	1.11	1.37	2.68B	5
6	3.01B	3.78B	1.53B	11.1	4.20	3.17	2.32	1.45	1.28	1.18	1.48	2.43B	6
7	2.84B	3.40B	1.68B	10.7	4.42	3.13	2.26	1.42	1.24	1.24	1.49	2.27B	7
8	3.70B	3.18B	1.85B	9.81	5.85	3.13	2.16	1.37	1.29	1.25	1.48	2.18B	8
9	4.88B	2.89B	1.82B	8.76	5.58	3.17	2.06	1.33	1.29	1.25	1.48	2.04B	9
10	5.20B	2.60B	1.58B	7.94	5.82	5.87	2.03	1.32A	1.28	1.41	1.52	1.90B	10
11	6.02B	2.41B	1.55B	7.34	6.15	6.56	1.98	1.30A	1.36	1.87	1.54	1.78B	11
12	5.81B	2.29B	1.61B	7.06	6.10	7.21	1.93	1.30A	1.43	1.56	1.57	1.69B	12
13	5.48B	2.18B	1.58B	7.05	5.37	5.95	1.90	1.31A	1.43	1.55	1.53	1.62B	13
14	5.19B	2.07B	2.08B	6.86	5.83	4.51	1.87	1.31A	1.44	1.58	1.54	1.58B	14
15	4.44B	2.27B	8.95	6.83	5.65	3.90	1.82	1.30A	1.41	1.75	1.89	1.55B	15
16	3.98B	2.22B	6.00	6.56	5.13	3.90	1.79	1.30A	1.35	1.92	2.43	1.51B	16
17	3.89B	2.17B	5.95B	6.47	4.48	3.70	1.73	1.27A	1.33	1.85	2.83	1.49B	17
18	3.65B	2.09B	5.85B	6.43	4.07	3.62	1.70	1.24A	1.27	1.81	2.63	1.47B	18
19	3.51B	1.91B	6.29B	6.21	3.83	3.50	1.67	1.21A	1.25	1.73	2.49	1.44B	19
20	3.40B	1.78B	4.89B	6.83	3.65	4.65	1.64	1.21A	1.25	1.88	2.80	1.42B	20
21	3.22B	1.70B	4.59B	5.44	4.05	4.74	1.58	1.21A	1.27	1.84	2.89	1.39B	21
22	3.08B	1.66B	4.23B	5.15	3.93	4.77	1.59	1.22A	1.25	1.80	2.84	1.38B	22
23	2.99B	1.63B	4.01B	4.88	4.27	4.83	1.58	1.21A	1.28	1.83	2.49B	1.37B	23
24	2.88B	1.61B	4.35	4.54	4.16	5.02	1.55	1.28A	1.22	1.83	2.35B	1.36B	24
25	2.82B	1.58B	5.45	4.37	3.82	4.72	1.52	1.26	1.23	1.49	2.23	1.35B	25
26	2.90B	1.53B	7.09	4.27	4.25	4.06	1.49	1.24	1.25	1.45	2.15	1.41B	26
27	3.11B	1.52B	11.5	4.17	3.92	3.84	1.47	1.22	1.22	1.43	2.31	1.40B	27
28	3.23B	1.51B	18.0	3.98	3.81	3.35	1.44	1.21	1.17	1.40	4.44	1.39B	28
29	3.44B		21.4	3.87	3.68	3.06	1.39	1.26	1.16	1.38	4.08B	1.37B	29
30	3.86B		22.1	3.83	3.53	2.84	1.34	1.28	1.14	1.36	3.84	1.40B	30
31	4.31B		20.0		3.54		1.31	1.28		1.32		1.61B	31
TOTAL	121.12	72.82	178.80	223.41	135.47	123.90	57.88	40.09	38.88	45.15	84.82	57.40	TOTAL
MEAN	3.91	2.69	5.79	7.45	4.37	4.13	1.87	1.29	1.29	1.46	2.18	1.85	MEAN
MAX	6.20	4.79	22.1	16.3	5.85	7.21	2.71	1.49	1.44	1.92	4.44	3.78	MAX
MIN	2.82	1.51	1.42	3.83	3.53	2.84	1.31	1.21	1.14	1.11	1.33	1.35	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.16
MAXIMUM DAILY, 22.1 ON MAR 30
MINIMUM DAILY, 1.11 ON OCT 4
MAXIMUM INSTANTANEOUS,
23.1 AT 21:47 EST ON MAR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 19 05 N
LONG 81 02 28 W
DRAINAGE AREA, 216 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10 500	JUL	5 000
FEB	6 270	AUG	3 480
MAR	15 500	SEP	3 340
APR	19 300	OCT	3 900
MAY	11 700	NOV	5 000
JUN	10 700	DEC	4 980

TOTAL DISCHARGE, 100 000 dam³

NORTH THAMES RIVER AT ST. MARYS - STATION NO. 02GD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.7 B	46.3	2.428	24.1	4.93	34.2	2.61	1.24	1.55	2.22	3.15	9.83	1
2	8.008	28.0 B	2.408	17.9	4.73	38.4	2.41	1.23	1.80	3.23	3.28	7.36	2
3	6.808	14.0 B	2.388	28.1	4.44	21.8	2.21	1.20	1.46	2.28	3.42	6.808	3
4	6.408	8.008	2.808	56.3	4.18	13.8	2.24	1.31	1.37	2.18	3.31	4.808	4
5	6.208	7.008	3.108	47.1	4.86	11.2	2.24	1.87	1.38	2.18	3.27	4.008	5
6	6.008	6.808	3.368	34.7	4.47	8.87	2.25	1.85	1.48	2.21	3.85	3.808	6
7	6.208	6.208	3.208	26.5	4.37	6.81	2.10	1.33	2.09	2.28	3.88	3.318	7
8	42.5 A	6.808	3.108	17.5	4.31	5.73	1.84	1.25	2.08	2.27	4.21	3.188	8
9	48.1 A	6.608	2.858	13.4	4.08	5.18	1.87	1.38	2.17	2.20	4.08	3.038	9
10	25.8 A	6.408	3.28	11.8	3.90	5.14	1.86	1.33	2.32	2.82	8.27	2.848	10
11	19.3 A	6.208	5.88	11.0	3.85	5.08	1.83	1.31	2.19	4.48	3.88	2.868	11
12	14.7 A	8.008	13.3	14.2	3.88	4.41	1.78	1.28	2.10	3.07	3.09	2.798	12
13	22.7 A	4.808	11.4	17.8	4.15	4.02	1.73	1.35	2.12	3.27	2.85	2.728	13
14	15.8 A	4.708	11.5	28.5	4.06	3.92	1.69	1.35	2.12	3.71	3.84	2.688	14
15	10.0 A	4.88	70.0 B	78.4	3.98	3.85	1.81	1.74	2.13	3.69	8.87	2.608	15
16	7.85A	4.508	34.0 B	51.2	4.15	3.72	1.55	2.10	2.21	3.53	38.5	2.578	16
17	8.64A	4.408	18.0 B	29.4	3.86	3.53	1.48	1.85	2.24	3.48	30.4	2.548	17
18	8.09A	4.208	16.5 B	27.3	3.80	3.90	1.49	1.48	2.28	3.62	15.8	2.528	18
19	7.18A	4.108	15.0 B	21.4	3.28	3.86	1.87	1.42	2.18	3.51	8.88	2.508	19
20	6.208	3.88	12.5 B	16.3	3.40	3.89	2.44	1.38	2.18	3.88	10.0	2.468	20
21	6.008	4.03	8.208	12.0	3.41	4.78	1.82	1.31	2.14	3.89	21.0	2.488	21
22	5.808	3.88	7.408	10.0	3.28	6.33	1.81	1.37	2.31	3.85	18.8	2.448	22
23	5.61A	3.608	8.88	8.78	3.23	5.88	1.56	1.40	3.00	3.48	10.2	2.438	23
24	5.23A	3.208	22.2	8.08	2.84	4.67	1.50	1.35	2.77	3.70	7.88	2.428	24
25	7.00A	3.008	80.7	6.28	3.07	4.11	1.39	1.26	2.60	3.88	7.18	2.418	25
26	19.5 A	2.808	79.2	6.01	4.78	3.83	1.41	1.26	2.37	3.40	6.01	2.408	26
27	27.1 A	2.708	55.8	5.87	5.42	3.83	1.82	1.26	2.30	3.21	6.27	2.388	27
28	15.6	2.508	76.0	5.44	4.48	3.16	2.08	1.25	2.29	3.16	22.3	2.388	28
29	17.1		125	5.16	3.89	2.78	1.58	1.45	2.15	3.15	27.5	2.378	29
30	35.4		89.5	5.28	5.88	2.62	1.37	1.84	2.18	3.10	15.2	2.408	30
31	34.6		34.3		8.87		1.24	1.50		3.13		2.708	31
TOTAL	484.38	204.25	778.04	649.81	131.53	228.54	55.87	43.83	63.34	86.06	305.84	100.26	TOTAL
MEAN	15.0	7.29	25.1	21.7	4.24	7.85	1.80	1.41	2.11	3.10	10.2	3.23	MEAN
MAX	48.1	46.3	125	78.4	8.87	38.4	2.61	2.10	3.00	4.48	38.5	9.83	MAX
MIN	5.80	2.50	2.38	5.16	2.88	2.62	1.24	1.20	1.38	2.18	2.88	2.37	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.58
MAXIMUM DAILY, 125 ON MAR 29
MINIMUM DAILY, 1.20 ON AUG 3
MAXIMUM INSTANTANEOUS,
146 AT 08:00 EST ON MAR 29

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 15 16 N
LONG 81 05 43 W
DRAINAGE AREA, 1 080 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	40 100	JUL	4 830
FEB	17 800	AUG	3 780
MAR	67 300	SEP	5 470
APR	58 100	OCT	8 300
MAY	11 400	NOV	26 400
JUN	19 800	DEC	8 880

TOTAL DISCHARGE, 270 000 dam³

NORTH THAMES RIVER BELOW [illegible]NSHAWE DAM - STATION NO. 02GD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	27.3	43.9	6.14	38.0	8.83	16.2	2.53	1.80	1.01	2.38	4.18	14.5	1
2	18.0	46.6	5.98	34.7	8.82	17.6	2.51	1.63	1.88	2.42	3.84	10.6	2
3	10.7	35.3	5.81	34.0	8.83	22.8	2.81	1.53	1.87	3.40	2.82	10.6	3
4	7.81	23.2	5.43	58.7	8.81	18.0	2.12	1.58	1.88	3.28	2.85	9.82	4
5	6.88	18.0	5.22	87.0	8.89	10.8	1.87	1.88	1.70	4.46	2.88	9.13	5
6	6.77	14.5	4.37	58.0	8.42	10.1	2.02	1.57	1.72	3.38	3.48	7.78	6
7	7.04	9.71	3.88	40.8	8.84	7.47	2.03	1.53	1.75	2.88	4.18	6.78	7
8	23.0	7.88	3.87	28.7	4.88	6.78	2.02	1.58	1.77	2.88	3.80	6.74	8
9	56.5	6.73	3.40	25.0	4.84	6.28	1.88	1.58	1.80	2.88	3.14	6.70	9
10	47.5	6.40	3.81	19.4	4.59	5.45	1.85	1.57	1.83	2.84	4.28	6.88	10
11	24.5	8.30	3.91	13.1	4.82	5.85	1.84	1.58	2.05	2.83	4.88	5.28	11
12	11.7	6.61	3.93	18.3	4.78	7.07	1.83	1.61	2.33	2.78	4.88	4.82	12
13	13.3	6.50	3.87	26.6	8.17	8.82	1.83	1.82	2.34	2.80	4.85	3.70	13
14	15.5	6.26	4.61	34.0	7.72	5.84	1.84	1.88	2.34	2.80	3.71	2.82	14
15	14.5	6.15	24.8	78.4	6.81	3.21	1.07	1.78	2.35	2.79	4.88	2.78	15
16	11.3	5.80	47.0	77.8	4.85	3.52	0.870	2.32	2.35	2.84	30.9	2.72	16
17	9.42	5.84	31.1	46.0	3.81	3.84	0.888	2.81	2.36	2.81	33.1	2.71	17
18	8.28	5.88	23.5	37.5	3.40	3.78	0.845	2.18	2.36	2.88	17.1	2.71	18
19	8.87	5.80	28.4	30.4	4.37	4.05	1.08	1.70	3.40	2.88	18.8	2.87	19
20	9.04	4.70	24.7	21.8	4.81	5.85	1.45	1.70	2.42	2.88	14.5	2.84	20
21	8.75	3.88	22.7	18.4	4.73	8.44	2.18	1.70	2.44	2.88	18.5	2.85	21
22	8.03	4.88	17.8	15.5	4.88	4.81	2.19	1.70	2.44	3.88	22.8	2.82	22
23	8.81	8.28	11.7	14.1	4.82	4.88	2.20	1.70	2.48	3.48	17.3	2.83	23
24	8.82	8.53	13.8	8.17	4.85	8.35	2.21	1.88	2.48	2.83	6.88	2.88	24
25	8.47	8.28	32.2	7.12	4.78	6.33	2.25	1.71	2.48	2.83	6.80	2.84	26
26	9.88	9.08	48.8	8.77	3.10	8.27	1.84	1.73	2.84	2.85	6.88	2.88	28
27	18.0	8.12	82.2	8.78	4.82	5.18	1.88	1.78	2.44	2.83	6.88	2.83	27
28	18.4	8.13	88.2	8.78	7.23	4.85	1.89	1.82	3.41	2.82	12.4	2.81	28
29	17.1		108 A	8.74	8.31	3.82	1.87	1.07	2.40	2.88	23.4	2.80	28
30	32.3		130 E	7.22	8.08	2.88	1.88	0.881	2.40	2.91	23.8	2.81	30
31	43.0		87.4		8.82		1.88	0.888		4.14		2.82	31
TOTAL	508.75	317.88	883.35	881.83	189.38	247.13	58.013	50.717	84.37	83.23	313.80	151.03	TOTAL
MEAN	16.4	11.4	27.9	29.4	6.48	8.24	1.81	1.84	2.18	2.88	10.5	4.87	MEAN
MAX	56.5	46.6	130	77.8	8.82	37.8	2.53	2.81	3.84	4.48	33.1	14.5	MAX
MIN	6.47	3.88	3.80	6.74	3.08	2.88	0.888	0.881	1.01	2.38	2.82	2.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.2
MAXIMUM DAILY, 130E ON MAR 30
MINIMUM DAILY, 0.888 ON JUL 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 02 30 N
LONG 81 11 08 W
DRAINAGE AREA, 1 480 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1983

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	44 000	JUL	4 840
FEB	27 600	AUG	4 380
MAR	74 800	SEP	5 650
APR	78 300	OCT	7 870
MAY	16 800	NOV	27 100
JUN	21 400	DEC	13 000

TOTAL DISCHARGE, 321 000 dam³

NORTH THAMES RIVER NEAR MITCHELL - STATION NO. 02GD014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.60B	17.0	0.260B	7.85	0.563	4.20	0.148	0.036	0.884	0.032	0.177	3.34	1
2	2.40B	8.80 B	0.255B	5.87	0.819	5.38	0.122	0.018	0.042	0.044	0.121	2.30 B	2
3	2.08B	5.00 B	0.250B	11.0	0.487	3.40	0.148	0.017	0.020	0.047	0.125	1.80 B	3
4	1.92B	3.40 B	0.240B	19.5	0.435	2.83	0.181	0.228	0.017	0.032	0.108	1.30 B	4
5	1.84B	1.70 B	0.350B	13.0	0.478	3.84	0.115	0.083	0.018	0.031	0.114	1.04 B	5
6	1.78B	1.10 B	0.440B	10.8	0.727	1.88	0.084	0.029	0.018	0.038	0.185	0.800B	6
7	1.70B	0.700B	0.420B	7.73	0.847	1.41	0.088	0.018	0.026	0.044	0.230	0.630B	7
8	19.0 B	0.610B	0.380B	5.35	0.810	1.08	0.088	0.018	0.023	0.070	0.287	0.520B	8
9	12.0 B	0.570B	0.370B	3.97	0.587	0.818	0.041	0.021	0.028	0.047	2.04	0.470B	9
10	7.00B	0.540B	0.800B	3.09	0.507	0.979	0.036	0.018	0.040	0.289	1.19	0.440B	10
11	4.40B	0.510B	1.00 B	2.82	0.449	0.827	0.030	0.014	0.021	0.288	0.380	0.380B	11
12	3.50B	0.480B	1.90 B	5.00	0.517	0.648	0.028	0.014	0.020	0.289	0.338	0.370B	12
13	3.00B	0.480B	3.15 B	4.87	0.833	0.490	0.026	0.011	0.016	0.263	0.323	0.380B	13
14	2.30B	0.483B	2.80 B	8.89	0.789	0.413	0.022	0.011	0.014	0.200	0.492	0.340B	14
15	1.90B	0.500B	20.0 B	29.7	0.894	0.381	0.014	0.024	0.014	0.153	3.27	0.330B	15
16	1.70B	0.540B	8.00 B	17.0	0.852	0.358	0.010	0.015	0.011	0.148	14.0	0.320B	16
17	1.60B	0.500B	5.00 B	9.80	0.884	0.407	0.012	0.013	0.078	0.180	9.07	0.315B	17
18	1.50B	0.480B	3.88	8.10	0.536	0.361	0.012	0.012	0.012	0.178	4.78	0.310B	18
19	1.80B	0.430B	3.31	4.26	0.484	0.322	0.012	0.010	0.008	0.148	3.08	0.305B	19
20	1.65B	0.400B	2.78	3.68	0.481	0.350	0.018	0.011	0.008	0.144	4.47	0.300B	20
21	1.50B	0.370B	2.34	3.04	0.587	1.71	0.013	0.010	0.008	0.154	10.3	0.298B	21
22	1.47B	0.350B	1.84	2.33	0.511	1.78	0.008	0.009	0.322	0.152	5.89	0.295B	22
23	1.43B	0.330B	2.31	1.83	0.430	1.23	0.007	0.011	0.423	0.148	3.48 B	0.293B	23
24	1.52B	0.310B	7.14	1.51	0.401	0.766	0.008	0.008	0.280	0.147	2.61 B	0.290B	24
25	1.80B	0.300B	24.6	1.14	0.406	0.521	0.007	0.007	0.260	0.141	2.12	0.286B	25
26	8.66	0.280B	25.8	0.988	1.88	0.418	0.007	0.008	0.187	0.137	2.04	0.288B	26
27	7.68	0.280B	20.6	0.883	1.97	0.361	0.008	0.008	0.112	0.128	3.16	0.284B	27
28	5.00	0.270B	29.3	0.752	1.11	0.278	0.007	0.005	0.084	0.117	15.2	0.282B	28
29	6.29		43.0	0.674	0.737	0.210	0.006	0.015	0.112	0.107	10.3	0.281B	29
30	14.2		17.7	0.823	1.44	0.171	0.004	0.008	0.047	0.109	5.46	0.280B	30
31	11.8		11.1		3.83		0.002	0.007		0.116		0.400B	31
TOTAL	137.23	46.893	242.445	197.838	24.838	40.791	1.239	0.691	2.371	4.116	105.064	18.257	TOTAL
MEAN	4.43	1.66	7.82	6.59	0.804	1.36	0.040	0.022	0.079	0.133	3.50	0.621	MEAN
MAX	19.0	17.0	43.0	29.7	3.83	8.20	0.181	0.228	0.423	0.289	15.2	3.34	MAX
MIN	1.43	0.270	0.250	0.823	0.401	0.171	0.002	0.005	0.008	0.031	0.108	0.280	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.28
MAXIMUM DAILY, 43.0 ON MAR 29
MINIMUM DAILY, 0.002 ON JUL 31
MAXIMUM INSTANTANEOUS,
57.7 AT 05:08 EST ON MAR 29

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 27 00 N
LONG 81 12 30 W
DRAINAGE AREA, 318 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 900	JUL	107
FEB	4 030	AUG	88.7
MAR	20 900	SEP	205
APR	17 100	OCT	355
MAY	2 150	NOV	9 080
JUN	3 520	DEC	1 580

TOTAL DISCHARGE, 71 100 dam³

NORTH THAMES RIVER NEAR THORNDALE - STATION NO. 02GD015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.0 B	55.2	3.00B	33.1	5.24	30.8	2.48	1.34	1.44	2.13	3.14	13.3	1
2	12.0 B	40.4	2.90B	24.1	5.09	45.0	2.36	1.34	1.58	2.21	3.31	9.82	2
3	9.60B	16.0 B	2.80B	33.7	5.80	28.4	2.26	1.31	1.43	2.18	3.51	8.80B	3
4	7.00B	10.6 B	3.30B	70.9	5.45	16.3	2.26	1.37	1.22	2.17	3.36	8.00B	4
5	7.20B	9.30B	4.00B	81.6	5.90	13.7	2.27	1.98	1.17	2.13	3.27	4.80B	5
6	7.30B	8.80B	4.80B	47.8	6.24	11.0	2.20	1.73	1.20	2.20	3.51	4.30B	6
7	7.80B	7.80B	5.00B	36.0	5.89	8.88	2.14	1.48	1.52	2.27	4.08	4.00B	7
8	40.0 B	7.20B	4.80B	24.8	6.12	7.05	2.06	1.43	1.80	2.20	4.82	3.80B	8
9	89.8	6.80B	3.80B	18.8	5.93	6.11	1.87	1.48	1.88	2.19	4.74	3.70B	9
10	33.2	6.50B	4.10B	16.1	5.81	5.89	1.82	1.95	2.15	2.90	5.80	3.60B	10
11	20.5	6.30B	5.00B	14.9	5.52	5.83	1.76	1.44	2.05	5.13	4.61	3.50B	11
12	18.0 B	6.00B	18.2 B	17.9	5.83	5.13	1.84	1.49	1.62	4.07	3.68	3.40B	12
13	20.0 B	5.80B	15.0 B	23.6	6.08	4.68	1.82	1.38	1.78	3.41	3.21	3.30B	13
14	24.0 B	5.80B	14.8 B	37.7	6.81	4.17	1.78	1.38	1.85	4.05	3.41	3.20B	14
15	18.0 B	5.90B	80.0 B	81.8	5.81	3.84	1.82	1.88	1.85	3.73	11.9	3.18B	15
16	12.0 B	5.80B	40.0 B	62.5	5.88	3.75	1.58	2.32	1.84	3.88	52.4	3.05B	16
17	10.0 B	5.40B	22.0 B	36.7	5.77	3.88	1.55	1.82	2.11	3.63	47.1	3.00B	17
18	8.50B	5.20B	25.0 B	31.7	5.32	3.86	1.53	1.64	2.00	3.62	23.2	2.85B	18
19	7.70B	5.10B	21.0 B	25.5	4.87	3.83	1.61	1.45	1.83	3.58	14.2	2.80B	19
20	9.10B	4.80B	18.0 B	19.1	4.83	3.86	2.38	1.41	1.95	3.68	12.4	2.88B	20
21	8.00B	5.10B	13.0 B	14.7	5.05	5.32	2.19	1.37	2.00	3.77	23.3	2.82B	21
22	7.60B	4.80B	10.0 B	12.5	4.70	7.25	1.77	1.35	2.19	3.65	21.1	2.79B	22
23	7.20B	4.40B	13.0 B	11.2	4.10	6.73	1.83	1.41	2.69	3.67	13.7	2.76B	23
24	7.80B	4.00B	36.4	10.5	3.58	5.39	1.67	1.35	3.19	3.74	10.7	2.73B	24
25	8.70B	3.80B	88.9	8.83	3.33	4.35	1.62	1.28	2.82	4.06	9.37	2.70B	25
26	25.5 B	3.50B	87.5	8.00	4.81	3.71	1.54	1.27	2.38	3.53	7.98	2.70B	26
27	33.0 B	3.30B	68.8	7.51	5.78	3.48	1.62	1.26	2.23	3.32	7.42	2.70B	27
28	20.0 B	3.10B	82.8	8.95	4.59	3.20	2.11	1.22	2.20	3.24	22.2	2.80B	28
29	20.5		133	8.57	3.38	3.87	1.78	1.33	2.18	3.16	38.0	2.80B	29
30	43.5		76.8	8.82	5.04	3.63	1.62	1.38	2.14	3.17	20.3	3.00B	30
31	47.0		47.9		9.14		1.38	1.31		3.17		4.00B	31
TOTAL	578.20	268.90	910.20	813.36	153.65	280.30	58.21	45.41	58.39	98.65	389.39	122.12	TOTAL
MEAN	18.7	9.26	29.4	27.1	5.45	9.88	1.88	1.46	1.95	3.21	13.0	3.94	MEAN
MAX	89.8	55.2	133	81.8	9.14	45.0	2.48	2.32	3.19	5.13	52.4	13.3	MAX
MIN	7.00	3.10	2.80	8.57	3.33	2.63	1.38	1.22	1.17	2.13	3.14	2.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.3
MAXIMUM DAILY, 133 ON MAR 28
MINIMUM DAILY, 1.17 ON SEP 5
MAXIMUM INSTANTANEOUS,
148 AT 05:35 EST ON MAR 29

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 08 57 N
LONG 81 11 30 W
DRAINAGE AREA, 1 340 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	55 000	JUL	5 030
FEB	22 400	AUG	3 820
MAR	78 600	SEP	5 040
APR	70 300	OCT	8 600
MAY	14 800	NOV	33 600
JUN	22 500	DEC	10 800

TOTAL DISCHARGE, 335 000 dam³

NORTH WEST GANARASKA RIVER NEAR OSACA - STATION NO. 02HD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.318B	0.340B	0.232B	0.922	0.450	0.578	0.253	0.192E	0.854	0.254	0.483	0.358B	1
2	0.300B	0.318B	0.230B	0.552	0.593	0.580	0.244	0.220E	0.424	0.369	0.352	0.478	2
3	0.292B	0.300B	0.227B	0.754	0.580	0.441	0.251E	0.240E	0.261	0.337	0.386	0.426	3
4	0.285B	0.287B	0.225B	1.84	0.451	0.544	0.247E	0.300E	0.240	0.289	0.318	0.593	4
5	0.280B	0.282B	0.224B	0.912	0.527	0.400	0.250E	0.380E	0.228	0.281	0.318	0.717	5
6	0.275B	0.277B	0.223B	0.683	0.830	0.346	0.245	0.320E	0.230	0.284	0.441	0.628	6
7	0.270B	0.275B	0.222B	0.633	1.28	0.323	0.238	0.260E	0.289	0.287	0.474	0.398B	7
8	1.20 B	0.270B	0.218B	0.482	0.688	0.321	0.234	0.238E	0.262	0.278	0.526	0.317B	8
9	0.500B	0.289B	0.216B	0.441	0.596	0.323	0.240	0.232E	0.274	0.284	0.560	0.496B	9
10	0.450B	0.268B	0.217B	0.444	0.512	0.423	0.235	0.226E	0.258	0.297	0.474	0.816	10
11	0.348B	0.288B	0.218B	0.423	0.523	0.347	0.228	0.222E	0.246	0.450	0.417	0.506	11
12	0.400B	0.285B	0.215B	0.417	1.24	0.308	0.219	0.220E	0.238	0.318	0.390	0.341B	12
13	0.600B	0.264B	0.214B	0.477	0.850	0.298	0.214	0.225E	0.229	0.287	0.372	0.354B	13
14	0.380B	0.450B	0.367B	0.441	0.524	0.298	0.213	0.235E	0.249	0.314	0.478	0.345B	14
15	0.326B	0.400B	4.00 B	0.537	0.435	0.311	0.213	0.255E	0.332	0.543	1.28	0.238B	15
16	0.318B	0.340B	1.40 B	0.519	0.413	0.322	0.232	0.236	0.302	0.487	1.89	0.232B	16
17	0.305B	0.310B	0.400B	0.484	0.393	0.663	0.232	0.199	0.370	0.424	0.787	0.227B	17
18	0.300B	0.295B	0.310B	0.484	0.370	0.445	0.226	0.192	0.278	0.413	0.557	0.223B	18
19	0.295B	0.283B	0.265B	0.447	0.378	0.362	0.228	0.197	0.282	0.343	0.506	0.220B	19
20	0.290B	0.275B	0.255B	0.423	0.436	0.959	0.227	0.235	0.253	0.586	1.48	0.217B	20
21	0.288B	0.288B	0.245B	0.424	0.838	0.718	0.221	0.273	0.244	0.532	1.03	0.215B	21
22	0.283B	0.283B	0.240B	0.396	0.606	0.487	0.225	0.265	0.332	0.437	0.514B	0.214B	22
23	0.280B	0.268B	0.239B	0.376	0.374	0.428	0.216	0.236	1.10	0.359	0.488B	0.212B	23
24	0.278B	0.263B	0.238B	0.382	0.371	0.349	0.206	0.222	0.378	0.332	0.456	0.211B	24
25	0.277B	0.249B	1.30 B	0.414	0.363	0.343	0.201	0.207	0.318	0.313	0.441	0.210B	25
26	0.460B	0.245B	2.85 B	0.417	0.382	0.329	0.192	0.202	0.298	0.318	0.502	0.209B	26
27	0.440B	0.241B	2.26	0.436	0.382	0.301	0.237	0.211	0.278	0.306	0.488	0.208B	27
28	0.350B	0.239B	2.22 B	0.426	0.342	0.283	0.263E	0.206	0.270	0.303	0.760	0.207B	28
29	0.340B		1.72	0.384	0.327	0.269	0.235E	0.213	0.265	0.304	0.583	0.206B	29
30	0.480B		0.686	0.527	0.362	0.280	0.223E	0.218	0.257	0.304	0.4188	0.205B	30
31	0.400B		0.625		0.502		0.207E	0.204		0.326		0.250B	31
TOTAL	12.081	8.067	22.422	16.329	16.558	12.382	7.085	7.373	8.821	10.939	15.112	10.076	TOTAL
MEAN	0.380	0.288	0.723	0.544	0.534	0.412	0.229	0.235	0.321	0.353	0.504	0.325	MEAN
MAX	1.20	0.480	4.00	1.84	1.28	0.959	0.263	0.380	1.10	0.586	1.89	0.717	MAX
MIN	0.270	0.239	0.214	0.378	0.337	0.280	0.192	0.192	0.226	0.254	0.318	0.205	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.413
MAXIMUM DAILY, 4.00B ON MAR 15
MINIMUM DAILY, 0.192 ON JUL 28

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 01 04 N
LONG 78 28 23 W
DRAINAGE AREA, 42.7 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 040	JUL	813
FEB	886	AUG	826
MAR	1 940	SEP	831
APR	1 410	OCT	946
MAY	1 430	NOV	1 580
JUN	1 070	DEC	871

TOTAL DISCHARGE, 13 000 dam³

NORTHWEST TRIBUTARY TO LAKE 239 NEAR KENORA - STATION NO. 05PD022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0A	0 E	0.018	0.001	0.003	0	0	0	---	---	1
2	---	---	---	0 E	0.013	0.002	0.002	0	0	0	---	---	2
3	---	---	---	0 E	0.011	0.001	0.002	0.001	0	0	---	---	3
4	---	---	---	0 A	0.012	0.001	0.001	0	0	0	---	---	4
5	---	---	---	0 A	0.020	0.001	0.008	0	0	0	---	---	5
6	---	---	---	0 A	0.017	0.001	0.010	0	0	0	---	---	6
7	---	---	---	0 A	0.014	0.014	0.008	0	0	0	---	---	7
8	---	---	---	0 A	0.012	0.012	0.004	0	0	0	---	---	8
9	---	---	---	0.001A	0.009	0.007	0.003	0	0	0	---	---	9
10	---	---	---	0.001A	0.008	0.008	0.002	0	0	0	---	---	10
11	---	---	---	0.001	0.008	0.004	0.001	0	0	0	---	---	11
12	---	---	---	0.001	0.008	0.020	0.001	0	0	0	---	0A	12
13	---	---	---	0.002	0.008	0.053	0.001	0	0	0	---	---	13
14	---	---	---	0.002	0.004	0.030	0.001	0	0	0	---	---	14
15	---	---	---	0.004	0.004	0.018	0	0	0	0	0A	---	15
16	---	---	---	0.018	0.003	0.009	0	0	0	0	---	---	16
17	---	---	---	0.034	0.003	0.008	0.001	0	0	0	---	---	17
18	---	---	---	0.032	0.003	0.008	0.001	0	0	0	---	---	18
19	---	---	---	0.023	0.003	0.003	0	0	0	0	---	---	19
20	---	---	---	0.028	0.004	0.002	0	0	0	0	---	---	20
21	---	---	0A	0.040	0.003	0.003	0	0	0	0	---	---	21
22	---	---	---	0.129	0.002	0.004	0	0.001	0	0	---	---	22
23	---	---	---	0.097	0.002	0.003	0	0	0	0	---	---	23
24	---	---	---	0.086	0.002	0.002	0	0	0	0	---	---	24
25	---	---	---	0.104	0.008	0.004	0	0	0	0	---	---	25
26	---	---	---	0.082	0.008	0.004	0	0	0	0	---	---	26
27	---	---	---	0.048	0.004	0.003	0	0	0	0	---	---	27
28	---	---	---	0.041	0.004	0.002	0	0	0	0	---	---	28
29	---		---	0.022	0.003	0.003	0	0	0	0	---	---	29
30	---		---	0.018	0.002	0.005	0	0	0	0	---	---	30
31	---		0A		0.002		0	0		0		0E	31
TOTAL	---	---	---	0.791	0.311	0.238	0.046	0.002	0	0	---	---	TOTAL
MEAN	---	---	---	0.038	0.007	0.008	0.001	0	0	0	---	---	MEAN
MAX	---	---	---	0.129	0.020	0.053	0.010	0.001	0	0	---	---	MAX
MIN	---	---	---	0	0.002	0.001	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.008
MAXIMUM DAILY, 0.129 ON APR 22
MINIMUM DAILY, 0E ON APR 1
MAXIMUM INSTANTANEOUS,
0.230 ON APR 22

DATA CONTRIBUTED BY -
DEPARTMENT OF FISHERIES AND OCEANS (CANADA)

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 57 N
LONG 93 43 40 W
DRAINAGE AREA, 0.58 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3.69
FEB	---	AUG	0.17
MAR	---	SEP	0
APR	88.3	OCT	0
MAY	18.2	NOV	---
JUN	20.4	DEC	---

TOTAL DISCHARGE, 111 dam³

MOTTAWASAGA RIVER AT HOCKLEY - STATION NO. 02ED026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	0.872	1.01	4.80 B	1
2	---	---	---	---	---	---	---	---	---	0.872	1.01	4.17 B	2
3	---	---	---	---	---	---	---	---	---	0.871	1.04	3.42 B	3
4	---	---	---	---	---	---	---	---	---	0.870	1.02	2.71 B	4
5	---	---	---	---	---	---	---	---	---	0.868	1.01	2.32 B	5
6	---	---	---	---	---	---	---	---	---	0.877	1.20	2.08 B	6
7	---	---	---	---	---	---	---	---	---	0.885	1.38	1.90 B	7
8	---	---	---	---	---	---	---	---	---	0.905	1.52	1.79 B	8
9	---	---	---	---	---	---	---	---	---	0.927	2.07	1.80 B	9
10	---	---	---	---	---	---	---	---	---	1.03	3.10	1.53	10
11	---	---	---	---	---	---	---	---	---	1.33	1.70	1.22	11
12	---	---	---	---	---	---	---	---	---	1.24	1.50	1.21 B	12
13	---	---	---	---	---	---	---	---	---	1.08	1.32	1.18 B	13
14	---	---	---	---	---	---	---	---	---	1.23	1.58	1.10 B	14
15	---	---	---	---	---	---	---	---	---	2.01	4.72	1.09 B	15
16	---	---	---	---	---	---	---	---	---	1.82	11.2	1.07 B	16
17	---	---	---	---	---	---	---	---	---	1.84	7.40	1.06 B	17
18	---	---	---	---	---	---	---	---	---	1.88	3.68	1.02 B	18
19	---	---	---	---	---	---	---	---	---	1.58	2.50	0.9848	19
20	---	---	---	---	---	---	---	---	---	2.28	2.84	0.8619	20
21	---	---	---	---	---	---	---	---	---	2.32	3.178	0.8208	21
22	---	---	---	---	---	---	---	---	---	1.82	2.708	0.8188	22
23	---	---	---	---	---	---	---	---	---	1.60	2.408	0.8168	23
24	---	---	---	---	---	---	---	---	---	1.30	2.188	0.8128	24
25	---	---	---	---	---	---	---	---	---	1.18	1.708	0.8288	25
26	---	---	---	---	---	---	---	---	---	1.18	1.88	0.8488	26
27	---	---	---	---	---	---	---	---	---	1.10	1.88	0.8368	27
28	---	---	---	---	---	---	---	---	---	1.08	8.89	0.9318	28
29	---		---	---	---	---	---	---	0.958A	1.04	5.858	0.8248	29
30	---		---	---	---	---	---	---	0.882	1.00	4.998	0.8308	30
31	---		---		---		---	---		0.994		1.08 B	31
TOTAL	---	---	---	---	---	---	---	---	---	39.281	84.70	47.340	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	1.27	2.82	1.53	MEAN
MAX	---	---	---	---	---	---	---	---	---	2.28	11.2	4.80	MAX
MIN	---	---	---	---	---	---	---	---	---	0.858	1.01	0.812	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 11.2 ON NOV 16
MINIMUM DAILY, 0.858 ON OCT 5
MAXIMUM INSTANTANEOUS,
12.2 AT 11:26 EST ON NOV 16

SUMMARY FOR THE YEAR 1969

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 01 27 N
LONG 78 58 15 W
DRAINAGE AREA, 173 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	3 380
MAY	---	NOV	7 320
JUN	---	DEC	4 080

REMARKS - STATION ACTIVATED IN 1969

MOTTAWASAGA RIVER NEAR BAXTER - STATION NO. 02ED003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.028	20.9 B	2.388	15.4	8.77	9.05	4.81	1.33	3.45	3.14	3.68E	14.9 B	1
2	6.268	13.6 B	2.338	13.1	8.21	8.68	4.20	1.28	6.07	3.11	4.44E	14.0 B	2
3	5.708	10.1 B	2.298	11.5	7.12	8.85	4.43	1.38	4.43	3.08	5.25E	13.2 B	3
4	5.428	8.048	2.478	20.9	10.2	7.21	3.82	2.25	3.42	3.00	4.81E	12.7 B	4
5	5.088	6.868	3.048	25.0	9.88	7.78	3.27	8.78	3.03	2.94	4.33E	13.0 B	5
6	4.918	4.848	2.888	25.9	11.1	8.42	2.97	6.34	2.83	2.88	4.67E	10.8 B	6
7	4.388	4.308	2.628	23.2	10.8	8.81	2.77	5.25	3.25	2.85	5.22E	9.588	7
8	12.8	4.138	2.888	21.1	12.2	12.3	2.81	3.83	4.81	2.88	5.95E	8.248	8
9	22.4	3.858	2.628	16.1	11.8	11.4	2.55	3.18	5.08	3.20	6.48E	7.358	9
10	15.8	3.678	2.788	13.8	10.0	10.2	2.21	2.88	4.47	3.17	7.14E	6.818	10
11	11.2 B	3.548	3.028	11.8	9.18	9.22	1.78	2.49	3.90	3.88	8.28E	6.488	11
12	11.8	3.388	3.288	11.0	20.3	7.12	1.47	2.38	3.63	4.85	8.58E	6.558	12
13	10.8 B	3.388	3.518	12.0	41.8	6.77	1.48	2.34	3.21	4.20	8.04E	5.208	13
14	9.848	3.508	5.208	14.3	22.9	6.01	1.41	2.50	3.07	4.00	6.77E	4.888	14
15	9.228	3.628	41.8 B	13.8	16.3	4.9[illegible]	1.44	2.88	2.97	8.41	8.03E	4.578	15
16	8.288	3.488	80.8 B	16.4	13.2	4.88	1.83	2.88	2.85	10.5	8.78E	4.388	16
17	8.048	3.368	48.2 B	15.1	11.1	5.07	1.48	2.88	3.17	8.30	13.2 E	4.298	17
18	7.858	3.208	20.8 B	13.8	9.43	5.20	1.38	2.34	3.48	7.85	10.2 E	4.228	18
19	7.208	3.088	17.1 B	11.8	8.37	8.24	1.20	1.80	3.25	7.32	8.48E	4.188	19
20	6.748	2.928	14.0 B	10.8	7.50	10.2	1.20	1.78	2.87	7.88	10.6 E	4.098	20
21	6.808	2.788	12.3 B	8.41	8.08	18.2	1.21	2.05	2.83	10.4	13.8	4.018	21
22	6.218	2.888	11.0 B	8.03	8.88	31.2	1.24	2.13	3.18	8.85	12.6 B	3.948	22
23	4.888	2.628	9.748	8.28	8.22	40.6	1.48	2.15	5.34	7.18E	11.4 B	3.908	23
24	4.588	2.538	8.888	7.84	7.15	24.8	1.38	2.12	8.88	8.08E	10.8 B	3.878	24
25	4.528	2.448	22.1 B	7.78	6.61	18.8	1.12	1.88	5.48	8.52E	10.0 B	3.848	25
26	5.018	2.888	88.0	7.88	7.13	15.8	1.28	1.87	4.42	8.04E	10.3	3.918	26
27	8.288	2.678	78.3	7.88	8.47	10.8	1.80	1.85	3.88	4.83E	10.9	3.888	27
28	8.168	2.488	82.1	7.70	7.31	8.08	2.24	1.83	3.88	4.81E	28.8	3.878	28
29	8.758		87.3	7.48	8.15	8.84	2.02	1.88	3.47	4.40E	28.5	3.858	29
30	8.958		35.3	8.42	8.75	8.87	1.77	2.08	3.29	4.19E	18.2 B	4.128	30
31	18.3 B		19.4		7.03		1.80	2.05		3.88E		4.488	31
TOTAL	255.20	133.20	576.47	406.78	347.88	318.08	84.32	85.62	118.85	188.98	280.88	200.44	TOTAL
MEAN	8.33	4.78	21.8	13.8	11.2	10.8	2.07	2.78	3.88	5.18	9.38	6.47	MEAN
MAX	22.4	20.9	88.0	33.2	41.8	40.8	4.81	8.78	8.88	10.8	28.8	14.8	MAX
MIN	4.52	2.44	2.28	7.48	5.75	4.81	1.12	1.23	2.83	2.94	3.89	3.84	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.34
MAXIMUM DAILY, 88.0 ON MAR 26
MINIMUM DAILY, 1.12 ON JUL 25
MAXIMUM INSTANTANEOUS,
111 AT 20:35 EST ON MAR 26

SUMMARY FOR THE YEAR 1969

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 14 59 N
LONG 78 48 30 W
DRAINAGE AREA, 1 180 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	22 000	JUL	5 580
FEB	11 500	AUG	7 380
MAR	58 400	SEP	9 880
APR	35 100	OCT	13 400
MAY	30 100	NOV	24 300
JUN	27 800	DEC	17 300

TOTAL DISCHARGE, 283 000 dam³

OAKVILLE CREEK AT MILTON - STATION NO. 02HB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.584	1.34	0.3338	2.28	0.522	1.13	0.710	0.378	0.282	0.486	0.110	0.446	1
2	0.547	0.917	0.3208	2.04	0.797	3.88	0.856	0.253	0.191	0.491	0.109	0.411	2
3	0.489	0.7108	0.3378	2.67	0.632	1.92	0.625	0.259	0.168	0.523	0.113	0.343	3
4	0.4808	0.5508	0.371	2.73	0.650	2.80	0.613	0.361	0.166	0.270	0.182	0.330	4
5	0.4808	0.4908	0.382	1.73	0.633	1.70	0.608	0.286	0.175	0.124	0.186	0.3088	5
6	0.4308	0.4408	0.3608	1.23	0.785	1.42	0.633	0.245	0.225	0.115	0.311	0.2858	6
7	0.4208	0.4208	0.3408	1.25	0.693	1.24	0.572	0.243	0.200	0.118	0.841	0.2808	7
8	2.70	0.4008	0.3308	1.09	0.932	1.12	0.504	0.241	0.218	0.084	0.577	0.2809	8
9	0.880	0.3988	0.3278	0.926	0.826	1.09	0.494	0.237	0.174	0.094	0.836	0.274	9
10	0.811	0.3808	0.802	0.817	0.748	1.11	0.485	0.243	0.168	0.385	0.387	0.2708	10
11	0.535	0.3808	0.827	0.844	0.878	0.979	0.478	0.245	0.204	0.188	0.384	0.2888	11
12	0.738	0.3958	0.818	0.881	1.46	0.965	0.469	0.238	0.488	0.118	0.314	0.288	12
13	0.724	0.4108	0.634	1.06	1.58	0.933	0.483	0.241	0.513	0.082	0.317	0.2888	13
14	0.861	0.559	1.48	0.818	1.38	0.888	0.481	0.281	0.430	0.085	0.483	0.2488	14
15	0.541	0.491	2.35	0.935	1.19	0.880	0.472	1.76	0.517	0.082	1.48	0.2308	15
16	0.489	0.4058	1.35	0.785	1.02	0.887	0.471	0.458	0.587	0.100	1.88	0.2178	16
17	0.480	0.3858	0.8408	0.851	0.913	0.895	0.462	0.343	0.480	0.308	0.882	0.188	17
18	0.484	0.3658	0.7608	0.787	0.819	0.869	0.459	0.304	0.490	0.140	0.695	0.187	18
19	0.515	0.3558	0.6608	0.886	0.780	0.814	0.452	0.278	0.541	0.388	0.818	0.1788	19
20	0.474	0.338	0.5008	0.801	0.838	0.891	0.485	0.267	0.622	0.723	0.6408	0.1828	20
21	0.445	0.413	0.5508	0.847	0.808	0.901	0.483	0.278	0.781	0.288	0.5508	0.1808	21
22	0.404	0.374	0.5208	0.803	0.736	4.21	0.462	0.276	1.07	0.183	0.4808	0.1438	22
23	0.410	0.3458	0.686	0.463	0.743	2.01	0.434	0.278	0.785	0.115	0.4408	0.1338	23
24	0.433	0.3358	0.929	0.469	0.724	1.78	0.416	0.254	0.627	0.105	0.4208	0.1258	24
25	0.417	0.3328	5.43	0.486	0.849	1.89	0.433	0.212	0.619	0.100	0.404	0.118	25
26	2.14	0.3308	3.24	0.488	0.788	1.51	0.438	0.207	0.519	0.100	0.407	0.1228	26
27	0.829	0.3278	3.13	0.500	0.810	1.28	0.503	0.195	0.418	0.088	0.548	0.1248	27
28	0.686	0.3258	4.75	0.480	0.883	1.08	0.489	0.195	0.390	0.084	1.36	0.1308	28
29	0.783		5.16	0.556	0.873	0.874	0.470	0.202	0.445	0.088	0.781	0.1808	29
30	1.33		4.18	0.832	1.11	0.789	0.381	0.196	0.474	0.092	0.648	0.1708	30
31	1.14		3.85		1.13		0.407	0.182		0.137		0.2208	31
TOTAL	22.180	12.928	45.438	30.178	27.234	42.588	15.617	9.648	12.917	8.241	15.874	7.033	TOTAL
MEAN	0.715	0.462	1.47	1.01	0.879	1.42	0.501	0.311	0.431	0.201	0.569	0.227	MEAN
MAX	2.70	1.34	5.43	2.73	1.58	4.21	0.710	1.76	1.07	0.723	1.88	0.446	MAX
MIN	0.404	0.328	0.330	0.463	0.522	0.759	0.381	0.182	0.166	0.082	0.109	0.119	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.687
MAXIMUM DAILY, 5.43 ON MAR 25
MINIMUM DAILY, 0.082 ON OCT 13
MAXIMUM INSTANTANEOUS,
18.8 AT 08:04 EST ON JUN 22

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 30 18 N
LONG 79 51 48 W
DRAINAGE AREA, 65.8 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 910	JUL	1 340
FEB	1 120	AUG	834
MAR	3 830	SEP	1 120
APR	2 610	OCT	838
MAY	2 350	NOV	1 470
JUN	3 680	DEC	808

TOTAL DISCHARGE, 21 800 dam³

DOOKI RIVER ABOVE WHITECLAY LAKE - STATION NO. 04EB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	118	90.6	87.8	94.8	90.6	344	188	113 E	70.8	50.6	43.8	43.1	1
2	116	89.3	88.4	94.4	93.6	337	187	111 E	68.9	51.4	43.7	43.8	2
3	114	88.4	88.3	94.1	88.8	333	185	108 E	68.1	52.3	43.6	43.8	3
4	114	88.8	88.3	93.7	72.0	327	182	106 E	68.2	51.3	43.1	43.8	4
5	113	88.4	88.8	93.4	78.0	322	178	104 E	70.0	50.4	43.3	43.7	5
6	113	88.8	85.0	93.4	88.7	318	173E	103 E	68.8	50.8	43.8	43.8	6
7	111	83.8	84.4	93.1	101	307	170E	101 E	68.1	48.7	43.7	43.8	7
8	111	83.8	84.3	93.2	112	300	168E	99.0E	68.2	48.2	43.3	43.3	8
9	110	83.3	84.3	93.2	128	288	167E	97.0E	68.8	48.4	43.3	43.4	9
10	108	81.1	83.8	93.0	140	248	167E	95.0E	68.2	48.1	43.7	43.8	10
11	108	80.8	83.2	92.8	158	278	167E	93.0E	84.8	48.0	44.1	43.8	11
12	108	78.8	82.8	92.4	175	268	168E	93.0E	83.8	48.8	43.7	43.4	12
13	107	78.1	82.2	92.0	184	261	168E	90.8A	84.8	47.8	43.3	43.2	13
14	106	77.7	82.4	91.8	218	258	168E	88.7	83.4	48.8	43.4	43.4	14
15	106	77.0	81.8	91.9	238	260	163E	88.7	82.8	48.8	43.2	43.8	15
16	105	78.2	81.1	91.7	261	242	159E	87.8	81.3	48.8	43.0	43.8	16
17	104	75.4	80.8	91.8	283	235	154E	87.1	80.2	47.8	43.0	43.4	17
18	103	74.8	80.8	91.4	301	228	152E	86.8	81.4	47.8	43.1	43.2	18
19	103	74.4	80.1	91.1	318	221	149E	86.2	80.8	47.7	43.1	43.3	19
20	102	73.0	89.7	91.1	328	217	144E	82.0	88.4	48.4	43.4	43.3	20
21	102	72.8	88.1	90.8	340	208	142E	81.8	87.7	48.8	43.8	43.8	21
22	101	71.8	88.7	90.8	348	203	138E	80.0	87.2	48.2	43.0	43.0	22
23	99.8	70.3	88.8	91.1	364	198	134E	78.4	86.0	48.0	43.1	43.2	23
24	88.4	88.8	88.7	91.4	353	194	133E	76.9	87.3	48.8	43.8	43.1	24
25	97.3	89.2	88.1	92.2	361	190	129E	76.8	84.7	48.7	43.8	43.3	25
26	98.8	89.2	87.8	92.8	382	194	128E	74.8	83.4	48.8	43.1	43.1	26
27	88.8	88.2	87.3	93.3	381	192	124E	78.8	83.7	48.8	43.1	43.0	27
28	95.4	87.8	88.4	94.7	368	192	122E	73.8	82.8	48.4	43.1	42.8	28
29	94.8		85.8	95.8	358	192	118E	73.8	82.8	44.8	43.2	43.8	29
30	93.7		85.8	88.8	353	190	118E	74.8	81.1	44.8	43.2	43.8	30
31	92.3		88.8		348		114E	72.1		43.8		42.8	31
TOTAL	3 247.3	2 184.8	1 800.1	1 885.8	7 272.8	7 881	4 753	2 788.1	1 863.8	1 478.8	1 288.8	1 342.3	TOTAL
MEAN	105	78.0	81.3	92.8	235	263	153	89.0	81.8	47.7	43.3	43.3	MEAN
MAX	118	90.6	87.8	95.5	382	344	188	113	70.8	52.3	44.1	43.8	MAX
MIN	92.3	87.8	85.8	90.8	90.8	190	114	72.1	81.1	43.8	43.8	42.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 102
MAXIMUM DAILY, 382 ON MAY 26
MINIMUM DAILY, 42.8 ON DEC 26
MAXIMUM INSTANTANEOUS,
373 AT 16:11 EST ON MAY 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 52 00 N
LONG 88 55 50 W
DRAINAGE AREA, 11 200 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	281 000	JUL	411 000
FEB	189 000	AUG	238 000
MAR	184 000	SEP	180 000
APR	127 000	OCT	126 000
MAY	628 000	NOV	112 000
JUN	655 000	DEC	116 000

TOTAL DISCHARGE, 3 220 000 dam³

OGOKI RIVER AT WABOOSE FALLS DAM - STATION NO. 04GB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	85.8	0	0	0	0	0	0	1
2	0	0	0	0	0	166	0	0	0	0	0	0	2
3	0	0	0	0	0	184	0	0	0	0	0	0	3
4	0	0	0	0	0	188	0	0	0	0	0	0	4
5	0	0	0	0	0	188	0	0	0	0	0	0	5
6	0	0	0	0	0	178	0	0	0	0	0	0	6
7	0	0	0	0	0	178	0	0	0	0	0	0	7
8	0	0	0	0	0	178	0	0	0	0	0	0	8
9	0	0	0	0	0	181	0	0	0	0	0	0	9
10	0	0	0	0	0	182	0	0	0	0	0	0	10
11	0	0	0	0	0	181	0	0	0	0	0	0	11
12	0	0	0	0	0	174	0	0	0	0	0	0	12
13	0	0	0	0	0	174	0	0	0	0	0	0	13
14	0	0	0	0	0	178	0	0	0	0	0	0	14
15	0	0	0	0	0	90.3	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	0	0	0	0	0	0	18
19	0	0	0	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	0	0	0	0	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	0	0	0	0	0	0	0	0	0	0	0	0	24
25	0	0	0	0	0	0	0	0	0	0	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0	0	0	0	0	0	0	0	0	0	27
28	0	0	0	0	0	0	0	0	0	0	0	0	28
29	0		0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0	0	0	0	0	0	0	0	30
31	0		0		0		0	0		0		0	31
TOTAL	0	0	0	0	0	2 410.1	0	0	0	0	0	0	TOTAL
MEAN	0	0	0	0	0	80.3	0	0	0	0	0	0	MEAN
MAX	0	0	0	0	0	182	0	0	0	0	0	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.60
MAXIMUM DAILY, 182 ON JUN 10
MINIMUM DAILY, 0 ON JAN 1

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 20 N
LONG 87 59 40 W
DRAINAGE AREA, 13 600 km²

REGULATED SINCE 1943

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	0
JUN	208 000	DEC	0

TOTAL DISCHARGE, 208 000 dam³

OGOKI RIVER DIVERSION TO LAKE NIPIGON - STATION NO. 02AD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	155	116	88.7	88.1	88.1	255	288	126	108	82.1	72.8	88.8	1
2	163	114	85.4	88.1	71.1	261	283	124	108	82.1	71.1	88.8	2
3	161	114	86.4	88.1	74.1	185	261	128	105	82.1	88.1	88.5	3
4	151	112	83.7	88.1	77.3	140	258	174	103	80.5	88.1	88.5	4
5	148	110	83.7	88.1	82.1	142	252	124	103	78.9	88.8	88.8	5
6	148	108	82.1	88.1	85.4	144	188	124	103	78.9	88.8	88.8	6
7	144	106	82.1	88.1	87.0	148	110	124	101	78.9	88.1	84.2	7
8	144	108	82.1	88.1	90.4	148	112	124	101	77.3	83.7	84.2	8
9	142	108	80.5	85.1	93.8	148	114	124	101	78.7	83.7	84.2	9
10	142	105	80.5	83.7	97.3	148	116	122	99.1	74.1	88.1	84.2	10
11	140	103	78.9	85.1	103	181	118	122	99.1	74.1	82.3	82.8	11
12	138	103	78.9	85.1	108	148	120	122	97.3	74.1	80.8	82.8	12
13	136	103	78.9	85.1	114	140	122	120	97.3	72.8	58.2	82.8	13
14	136	101	78.9	85.1	120	148	122	120	95.6	72.8	58.5	81.7	14
15	134	99.1	77.3	83.7	126	258	124	120	95.6	72.8	59.5	81.7	15
16	134	99.1	77.3	83.7	132	333	126	118	93.8	71.1	80.8	81.7	16
17	132	99.1	77.3	83.7	138	375	124	118	93.8	71.1	82.3	80.4	17
18	130	97.3	75.7	82.3	144	330	126	118	92.1	88.5	82.3	80.4	18
19	130	95.6	75.7	82.3	153	317	128	118	90.4	78.7	82.3	80.4	19
20	128	95.6	74.1	82.3	162	308	126	114	90.4	83.7	82.3	80.4	20
21	128	93.8	74.1	82.3	171	302	126	114	90.4	82.1	80.8	80.4	21
22	126	92.1	74.1	80.8	180	296	128	114	92.1	80.5	80.8	80.4	22
23	126	92.1	72.8	80.8	190	293	128	112	90.4	80.5	59.5	49.2	23
24	124	92.1	72.8	80.8	198	293	126	112	87.0	78.9	59.5	49.2	24
25	124	90.4	71.1	82.3	207	290	128	110	85.4	77.3	58.2	49.2	25
26	122	95.6	71.1	83.7	217	287	128	110	85.4	77.3	58.2	49.2	26
27	120	93.8	71.1	85.1	225	284	128	110	85.4	76.7	58.2	49.2	27
28	120	93.8	88.5	85.1	233	281	128	108	83.7	74.1	58.2	49.2	28
29	118		88.5	86.8	238	275	126	108	83.7	74.1	58.8	49.2	29
30	118		88.5	88.1	244	269	126	108	82.1	74.1	88.8	48.0	30
31	118		88.1		252		126	108		72.8		48.0	31
TOTAL	4 186	2 838.5	2 380.5	1 947.8	4 482.6	7 087	4 550	3 640	2 838.1	2 374.8	1 889.4	1 807.7	TOTAL
MEAN	134	101	77.1	84.8	145	236	147	117	94.8	76.8	62.3	51.8	MEAN
MAX	155	116	88.7	88.1	252	375	288	126	108	82.1	72.8	88.8	MAX
MIN	118	90.4	88.1	80.8	88.1	140	110	108	82.1	88.8	88.8	48.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 108
MAXIMUM DAILY, 375 ON JUN 17
MINIMUM DAILY, 48.0 ON DEC 30

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 15 N
LONG 88 12 30 W

REGULATED SINCE 1943

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	359 000	JUL	393 000
FEB	245 000	AUG	314 000
MAR	207 000	SEP	245 000
APR	188 000	OCT	206 000
MAY	387 000	NOV	182 000
JUN	812 000	DEC	138 000

TOTAL DISCHARGE, 3 440 000 dam³

GNAPING RIVER NEAR LEVACK - STATION NO. 02CP010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.60B	5.80B	3.32B	5.50B	48.5	14.6	13.2	3.02	2.04	1.29	1.82	2.67B	1
2	6.60B	5.70B	3.28B	5.85B	47.7	14.9	10.8	3.84	2.00	1.30	1.86	2.53B	2
3	6.35B	5.60B	3.25B	5.60B	45.5	15.2	9.85	4.31	1.98	1.30	1.87	2.50B	3
4	6.30B	5.40B	3.23B	5.00B	41.4	14.1	9.48	4.45	1.92	1.25	1.86	2.47B	4
5	6.20B	5.30B	3.20B	11.0 B	41.1	13.0	9.15	4.33	1.91	1.30	2.23	2.45B	5
6	6.15B	5.15B	3.18B	12.1 B	43.2	12.5	8.88	3.92	1.85	1.48	3.24	2.41B	6
7	6.15B	5.00B	3.15B	13.0 B	40.7	12.0	8.42	3.58	1.82	1.57	3.78	2.38B	7
8	6.20B	4.90B	3.13B	13.8 B	37.8	11.7	8.00	3.38	1.77	1.57	3.58	2.37B	8
9	6.25B	4.75B	3.10B	13.6 B	34.6	13.4	7.54	3.23	1.88	1.51	3.89	2.35B	9
10	6.20B	4.65B	3.08B	13.2 B	32.3	18.9	7.22	3.06	2.16	1.43	3.81	2.33B	10
11	6.00B	4.55B	3.06B	12.8 B	30.3	18.0	6.83	3.13	2.14	1.41	3.80	2.31B	11
12	7.90B	4.45B	3.07B	12.4 B	28.4	16.3	6.61	3.06	2.00	1.51	3.84	2.29B	12
13	7.70B	4.30B	3.05B	12.1 B	26.9	14.8	6.30	2.97	1.80	1.52	3.87	2.27B	13
14	7.56B	4.25B	3.05B	11.8 B	25.9	14.4	5.87	2.82	1.68	1.48	3.47	2.24B	14
15	7.35B	4.15B	3.75B	11.6 B	24.7	15.1	5.68	2.87	1.93	1.51	3.25B	2.22B	15
16	7.25B	4.05B	3.70B	12.0 B	23.4	20.5	5.29	2.79	1.89	1.55	3.33B	2.20B	16
17	7.14B	3.98B	3.60B	14.0 B	20.4	58.2	5.06	2.85	2.01	1.53	3.76B	2.18B	17
18	6.95B	3.88B	3.58B	16.0 B	14.2	56.9	5.27	2.56	1.84	1.57	3.81B	2.17B	18
19	6.80B	3.84B	3.52B	22.0 B	17.1	50.9	5.80	2.40	1.85	1.53	3.50B	2.16B	19
20	6.65B	3.78B	3.49B	23.0 B	16.3	45.6	6.29	2.14	1.56	1.80	3.38B	2.15B	20
21	6.50B	3.74B	3.45B	24.5 B	17.0	40.1	4.82	2.04	1.53	1.78	3.25B	2.14B	21
22	6.40B	3.67B	3.42B	27.0 B	18.1	35.7	4.06	2.17	1.86	1.91	3.15B	2.12B	22
23	6.30B	3.62B	3.55B	28.0 B	17.8	33.0	3.73	2.51	1.64	1.86	3.05B	2.10B	23
24	6.20B	3.58B	3.78B	29.0 B	16.3	30.1	3.46	2.48	1.54	1.88	2.88B	2.09B	24
25	6.05B	3.52B	4.05B	25.0	15.3	27.0	3.30	2.36	1.50	1.82	2.90B	2.08B	25
26	5.95B	3.48B	4.40B	38.3	15.2	23.5	3.57	2.22	1.45	1.81	2.83B	2.07B	26
27	5.85B	3.44B	4.80B	47.4	15.5	21.1	3.85	2.06	1.42	2.06	2.76B	2.06B	27
28	5.80B	3.40B	5.40B	51.9	14.7	18.8	3.86	1.88	1.38	2.01	2.72B	2.05B	28
29	5.70B		5.85B	50.6	13.5	16.7	3.72	1.88	1.32	1.95	2.68B	2.04B	29
30	5.70B		5.60B	49.9	13.4	15.1	3.48	1.88	1.28	1.67	2.62B	2.03B	30
31	5.75B		5.70B		13.5		3.18	2.00		1.86		2.02B	31
TOTAL	232.39	121.92	116.10	636.05	816.1	710.1	190.77	88.18	52.78	50.17	92.82	89.38	TOTAL
MEAN	7.17	4.35	3.75	21.2	26.3	23.7	6.15	2.84	1.76	1.62	3.09	2.24	MEAN
MAX	8.60	5.80	5.85	51.9	48.5	58.8	13.2	4.45	2.16	2.06	3.80	2.67	MAX
MIN	5.70	3.40	3.05	5.50	13.4	11.7	3.18	1.88	1.28	1.29	1.82	2.02	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.87
MAXIMUM DAILY, 58.8 ON JUN 18
MINIMUM DAILY, 1.28 ON OCT 4
MAXIMUM INSTANTANEOUS,
62.3 AT 18:45 EST ON JUN 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 38 00 N
LONG 81 22 51 W
DRAINAGE AREA, 1 570 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	18 200	JUL	18 500
FEB	10 800	AUG	7 620
MAR	10 000	SEP	4 660
APR	55 000	OCT	4 330
MAY	70 400	NOV	8 020
JUN	61 400	DEC	8 890

TOTAL DISCHARGE, 274 000 dam³

REMARKS - INCLUDES GNAPING LAKE BASIN. EXTREME HIGH WATER SPILLED INTO SPANISH RIVER SYSTEM

OSHAWA CREEK AT OSHAWA - STATION NO. 02HD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.700B	1.84 B	0.590B	0.883	0.771E	1.06	0.548	0.448	1.28	0.587	1.08	1.02 B	1
2	0.690B	1.07 B	0.585B	0.688	1.01	1.20	0.551	0.528	0.918	0.658	1.02	1.22	2
3	0.525B	0.880B	0.582B	1.48	1.05	0.989	0.530	0.564	0.828	0.642	0.838	1.06 B	3
4	0.500B	0.920B	0.580B	2.61	0.887	0.921	0.523	0.810	0.661	0.548	0.806	1.01 B	4
5	0.483B	0.880B	0.575B	1.68	1.23	0.807	0.534	1.05	0.838	0.574	0.786	1.18 B	5
6	0.700B	0.860B	0.570B	1.33	2.07	0.746	0.524	0.648	0.539	0.508	0.893	1.05 B	6
7	1.30 B	0.840B	0.565B	1.33	1.48	0.784	0.490	0.584	0.694	0.594	1.06	0.930B	7
8	3.79 B	0.830B	0.563B	1.08	1.80	0.788	0.493	0.578	0.782	0.590	1.31	1.00 B	8
9	1.82 B	0.815B	0.560B	0.975	1.24	0.771	0.527	0.542	0.708	0.604	1.32	1.10 B	9
10	1.82 B	0.800B	0.558B	0.874	1.03	0.807	0.504	0.526	0.840	0.708	1.10	1.20 B	10
11	1.52 B	0.790B	0.557B	0.831	1.13	0.751	0.478	0.523	0.801	0.973	0.982	0.800B	11
12	1.55 B	0.778B	0.555B	0.811	4.18	0.681	0.467	0.521	0.887	0.718	0.823	0.814B	12
13	1.25 B	0.765B	0.788B	1.23	2.40	0.661	0.488	0.514	0.854	0.840	0.844	0.880B	13
14	0.577B	1.65 B	1.62 B	1.08	1.38	0.648	0.477	0.501	0.868	0.658	1.15	0.888B	14
15	0.628B	1.92 B	11.1 B	1.40	1.18	0.663	0.473	0.518	0.906	0.878	3.82	0.848B	15
16	0.800B	0.900B	1.48 B	1.26	1.01	0.700	0.475	0.528	0.801	1.11	3.94	0.830B	16
17	0.820B	0.780B	0.804B	1.11	0.904	1.01	0.463	0.498	0.804	0.877	2.03	0.818B	17
18	0.840B	0.720B	0.596B	1.15	0.853	0.878	0.482	0.478	0.873	0.671	1.37	0.802B	18
19	0.880B	0.700B	0.615B	0.984	0.767	0.783	0.483	0.488	0.883	0.762	1.14	0.486B	19
20	0.800B	0.883B	0.484B	0.938	0.842	1.78	0.469	0.518	0.836	1.18	3.38	0.488B	20
21	0.430B	0.688B	0.567B	0.930	1.12	1.61	0.481	0.547	0.813	1.31	3.03 B	0.480B	21
22	0.433B	0.655B	0.476B	0.872	0.882	1.39	0.478	0.806	0.741	1.10	1.70 B	0.470B	22
23	0.460B	0.645B	0.618B	0.781E	0.736	1.18	0.485	0.571	1.62	0.814E	1.38 B	0.463B	23
24	0.475B	0.635B	1.41 B	0.626E	0.899	0.893	0.468	0.528	0.765	0.771E	0.817B	0.480B	24
25	0.630B	0.625B	7.59	0.809	0.886	0.786	0.439	0.485	0.894	0.742	1.01	0.456B	25
26	1.82 B	0.615B	7.07	0.850	0.733	0.700	0.467	0.482	0.818	0.707	1.05	0.450B	26
27	1.20 B	0.610B	3.86	0.855	0.785	0.840	0.515	0.475	0.847	0.703	1.08	0.447B	27
28	1.33 B	0.600B	3.22	0.819	0.739	0.804	0.576	0.482	0.894	0.870	1.88	0.443B	28
29	1.96 B		2.74	0.821	0.730	0.582	0.621	0.489	0.595	0.685	1.26 B	0.440B	29
30	5.99 B		1.31	1.02 E	0.884	0.549	0.490	0.481	0.580	0.838	1.07 B	0.438B	30
31	2.09 B		1.16		0.882		0.475	0.472		0.783		0.850B	31
TOTAL	37.328	24.668	84.475	32.387	38.629	28.304	15.283	16.882	20.300	23.723	43.899	21.473	TOTAL
MEAN	1.20	0.881	1.76	1.08	1.18	0.877	0.493	0.544	0.877	0.765	1.47	0.883	MEAN
MAX	5.99	1.84	11.1	2.61	4.18	1.78	0.576	1.05	1.62	1.31	3.94	1.22	MAX
MIN	0.430	0.600	0.475	0.638	0.668	0.549	0.439	0.448	0.813	0.587	0.785	0.438	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.988
MAXIMUM DAILY, 11.18 ON MAR 15
MINIMUM DAILY, 0.430B ON JAN 31
MAXIMUM INSTANTANEOUS,
22.58 AT 02:15 EST ON MAR 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 55 45 N
LONG 78 53 38 W
DRAINAGE AREA, 98.8 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 230	JUL	1 320
FEB	2 130	AUG	1 470
MAR	4 710	SEP	1 780
APR	3 800	OCT	2 080
MAY	3 180	NOV	3 800
JUN	2 270	DEC	1 880

TOTAL DISCHARGE, 30 800 dam³

OSWEGO CREEK AT CANBORO - STATION NO. 02HA024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.884	1.84	0.033	5.35	0.094	0.227	0.030	0.009	0.014	0.025	0.051	0.511	1
2	0.401	1.20 B	0.028	2.57	0.178	2.72	0.028	0.009	0.014	0.024	0.047	0.340	2
3	0.255	0.815B	0.025	2.73	0.340	4.03	0.024	0.008	0.015	0.023	0.047	0.228	3
4	0.183	0.514B	0.054	5.04	0.433	1.48	0.031	0.009	0.011	0.021	0.044	0.137	4
5	0.140B	0.208B	0.780	4.89	0.458	0.834	0.037	0.010	0.009	0.019	0.038	0.101	5
6	0.123	0.141B	0.839	2.20	0.423	0.447	0.028	0.011	0.008	0.017	0.033	0.078	6
7	0.100	0.088B	0.701B	1.45	1.08	0.332	0.023	0.010	0.009	0.018	0.032	0.064	7
8	1.15	0.068B	0.355	0.983	5.48	0.240	0.020	0.010	0.008	0.015	0.084	0.043	8
9	0.922B	0.058B	0.187	0.871	4.06	0.178	0.019	0.010	0.007	0.015	0.578	0.033	9
10	0.732	0.039B	0.171	0.503	2.08	0.183	0.019	0.010	0.007	0.018	0.785	0.028	10
11	0.583	0.032B	0.251	0.404	2.11	0.122	0.020	0.010	0.007	0.023	0.840	0.028	11
12	0.379	0.030B	0.559	0.333	5.53	0.098	0.019	0.009	0.007	0.022	0.577	0.024	12
13	0.357	0.027	0.818	0.315	4.47	0.083	0.018	0.009	0.007	0.020	0.451	0.023	13
14	0.274	0.078	0.586	0.288	2.01	0.085	0.017	0.008	0.008	0.020	0.350	0.022	14
15	0.209	0.107	1.02 B	0.386	1.14	0.055	0.015	0.007	0.011	0.023	0.882	0.021	15
16	0.170	0.137	1.25	0.520	0.870	0.050	0.014	0.009	0.010	0.028	2.80	0.020B	16
17	0.137	0.113	0.926	0.555	0.435	0.050	0.013	0.009	0.012	0.027	3.19	0.019B	17
18	0.118	0.087	1.77	0.912	0.282	0.048	0.013	0.007	0.011	0.028	1.42	0.018B	18
19	0.132	0.045	2.57	0.982	0.218	0.042	0.012	0.008	0.010	0.021	0.839	0.017B	19
20	0.141	0.040	2.04	0.807	0.177	0.078	0.015	0.008	0.009	0.081	2.23	0.016B	20
21	0.112B	0.229	1.79	0.451	0.208	0.130	0.018	0.010	0.010	0.198	3.13	0.015B	21
22	0.098	0.280	1.61 B	0.339	0.279	0.238	0.015	0.011	0.218	0.342	1.49	0.014B	22
23	0.083	0.219B	1.47 B	0.234	0.348	0.447	0.013	0.012	0.724	0.335	0.743	0.013B	23
24	0.077	0.135	1.36 B	0.185	0.322	0.410	0.012	0.011	0.247	0.274	0.410	0.013	24
25	0.073	0.098	1.80 B	0.158	0.232	0.269	0.011	0.011	0.197	0.233	0.359	0.012	25
26	0.804	0.073B	2.65	0.134	0.178	0.180	0.011	0.009	0.123	0.177	0.365	0.012B	26
27	0.999	0.057	2.42	0.129	0.184	0.110	0.013	0.008	0.082	0.138	0.377	0.013	27
28	0.855	0.039	2.58	0.113	0.159	0.074	0.014	0.008	0.052	0.111	1.23	0.013	28
29	0.575		2.93	0.100	0.119	0.044	0.013	0.009	0.034	0.083	1.20	0.014	29
30	0.982		3.28	0.098	0.098	0.034	0.012	0.010	0.028	0.081	0.780	0.018	30
31	1.23		4.22		0.211		0.010	0.010		0.048		0.027	31
TOTAL	12.617	6.576	40.951	34.370	33.875	13.083	0.553	0.285	1.907	2.482	25.073	1.930	TOTAL
MEAN	0.407	0.235	1.32	1.15	1.10	0.436	0.018	0.009	0.064	0.080	0.836	0.062	MEAN
MAX	1.23	1.84	4.22	5.04	5.53	4.03	0.037	0.012	0.724	0.342	3.19	0.511	MAX
MIN	0.073	0.027	0.025	0.098	0.084	0.034	0.010	0.008	0.007	0.015	0.032	0.012	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.476
MAXIMUM DAILY, 5.04 ON APR 4
MINIMUM DAILY, 0.006 ON AUG 19
MAXIMUM INSTANTANEOUS,
7.25 AT 19:30 EST ON APR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 59 27 N
LONG 79 40 42 W
DRAINAGE AREA, 80.7 km^2

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 090	JUL	47.8
FEB	568	AUG	24.6
MAR	3 540	SEP	165
APR	2 970	OCT	214
MAY	2 940	NOV	2 170
JUN	1 130	DEC	167

TOTAL DISCHARGE, 15 000 dam^3

OTOSKWIN RIVER BELOW BADESDAWA LAKE - STATION NO. 04FA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	37.8B	27.8B	20.7B	14.8B	33.0	205	129	59.5	55.3	52.3	35.3	28.8B	1
2	37.3B	27.3B	20.4B	14.7B	40.0	200	130	57.2	57.0	53.8	35.2	28.4B	2
3	37.0B	27.0B	20.2B	14.5B	48.1	197	130	54.3	57.6	54.9	35.4	28.2B	3
4	36.7B	26.8B	20.0B	14.3B	57.2	193	131	53.3	58.1	53.2	34.7	28.1B	4
5	36.2B	26.4B	19.8B	14.1B	66.8	190	130	51.8	61.9	52.0	34.8	27.8B	5
6	35.9B	26.3B	19.6B	13.9B	75.8	185	129	53.2	62.7	51.6	34.4	27.4B	6
7	35.6B	26.0B	19.4B	13.8B	83.9	180	130	53.9	70.2	50.4	33.9	27.2B	7
8	35.2B	25.7B	19.2B	13.7B	92.3	176	128	53.1	74.2	50.8	33.3	27.0B	8
9	34.9B	25.4B	19.0B	13.6B	101	171	128	53.0	78.0	51.0	33.4	26.8B	9
10	34.5B	25.1B	18.8B	13.5B	110	166	127	52.0	85.4	49.4	33.5	26.6B	10
11	34.2B	24.9B	18.7B	13.4B	119	159	127	52.4	85.8	50.8	33.9	26.3B	11
12	34.0B	24.8B	18.5B	13.3B	129	148	124	51.9	87.1	50.6	33.8	26.1B	12
13	33.5B	24.6B	18.3B	13.2B	139	143	121	48.8	88.5	48.9	33.4	26.0B	13
14	33.1B	24.3B	18.1B	13.1B	150	141	119	48.7	84.4	44.8	33.4	25.8B	14
15	32.8B	24.0B	17.9B	13.0B	160	137	114	48.7	82.7	43.7	33.5	25.5B	15
16	32.4B	23.8B	17.8B	13.0B	164	131	110	47.2	78.8	44.9	33.5	25.3B	16
17	32.1B	23.6B	17.6B	12.9B	169	125	107	46.6	78.3	44.9	33.3	25.1B	17
18	31.8B	23.3B	17.4B	12.9B	173	119	102	45.7	76.4	45.1	33.0	25.0B	18
19	31.5B	23.1B	17.2B	12.9B	171	114	99.1	43.0	70.9	45.1	32.6	24.8B	19
20	31.1B	22.8B	17.0B	13.0B	171	109	95.3	41.1	69.8	41.9	31.9B	24.6B	20
21	30.8B	22.6B	16.8B	13.2B	175	104	91.6	42.4	68.2	41.8	31.6B	24.3B	21
22	30.4B	22.4B	16.7B	13.5B	177	101	87.9	40.4	65.3	42.0	31.3B	24.2B	22
23	30.1B	22.2B	16.6B	14.0B	173	97.9	85.3	39.2	64.9	41.3	31.0B	24.0B	23
24	29.9B	21.9B	16.4B	14.7B	168	96.1	81.2	38.6	66.7	40.6	30.7B	23.8B	24
25	29.7B	21.7B	16.3B	15.7B	177	94.9	77.8	38.6	61.3	40.2	30.3B	23.7B	25
26	29.3B	21.5B	16.0B	17.2B	181	93.5	79.0	37.3	60.7	39.5	30.1B	23.6B	26
27	29.0B	21.3B	15.7B	19.6B	190	99.9	71.1	39.4	61.0	39.5	29.9B	23.4B	27
28	28.8B	21.0B	15.5B	22.3	198	112	70.0	38.7	58.6	41.0	29.7B	23.3B	28
29	28.4B		15.3B	24.6	202	121	67.1	42.6	57.1	38.3	29.3B	23.1B	29
30	28.1B		15.2B	27.9	205	125	65.1	46.6	54.9	37.6	29.1B	23.0B	30
31	27.8B		15.0B		204		62.1	52.0		35.8		22.8B	31
TOTAL	1 009.6	677.4	551.1	454.5	4 302.9	4 231.3	3 243.6	1 476.2	2 080.7	1 415.5	981.1	790.0	TOTAL
MEAN	32.6	24.2	17.8	15.2	139	141	105	47.6	69.4	45.7	32.7	25.5	MEAN
MAX	37.8	27.8	20.7	27.9	205	205	131	59.5	88.5	54.9	35.3	28.8	MAX
MIN	27.8	21.0	15.0	12.9	33.0	93.5	62.1	37.3	54.9	35.8	29.1	22.8	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 58.1
MAXIMUM DAILY, 205 ON MAY 30
MINIMUM DAILY, 12.95 ON APR 17
MAXIMUM INSTANTANEOUS,
207 AT 15:35 EST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 48 20 N
LONG 89 35 00 W
DRAINAGE AREA, 9 010 km^2

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	87 300	JUL	280 000
FEB	58 500	AUG	127 000
MAR	47 600	SEP	180 000
APR	39 300	OCT	122 000
MAY	372 000	NOV	84 800
JUN	366 000	DEC	68 300

TOTAL DISCHARGE, 1 830 000 dam^3

OTTAWA RIVER AT BRITANNIA - STATION NO. 02KF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 110	1 500	1 000	1 860	1 770	2 380	1 180	528	448	373	420	1 080	1
2	1 170	1 530	1 030	1 890	1 840	2 370	1 080	519	457	371	419	1 080	2
3	1 240	1 480	1 000	1 760	1 890	2 340	1 120	525	421	354	463	1 050	3
4	1 180	1 520	947	1 750	1 880	2 340	1 130	587	411	304	435	1 080	4
5	1 280	1 580	872	1 820	1 890	2 320	998	801	403	289	398	1 080	5
6	1 270	1 570	820	1 870	1 900	2 300	1 010	588	400	288	408	1 110	6
7	1 200	1 580	871	1 890	1 880	2 280	1 020	516	358	274	417	1 130	7
8	1 290	1 580	947	1 910	2 040	2 180	897	514	334	262	427	1 200	8
9	1 330	1 570	975	1 900	2 030	1 920	948	493	331	258	480	1 220	9
10	1 230	1 480	983	1 930	2 080	1 880	1 080	486	375	272	502	1 280	10
11	1 280	1 430	929	1 880	2 200	1 850	885	502	454	308	581	1 170	11
12	1 310	1 480	833	1 850	2 330	1 880	880	488	528	302	614	1 180	12
13	1 370	1 480	848	1 820	2 400	2 180	838	487	548	295	592	1 160	13
14	1 380	1 520	839	1 780	2 430	2 400	820	483	492	278	606	1 180	14
15	1 370	1 540	878	1 880	2 480	2 550	848	485	426	288	643	1 080	15
16	1 380	1 530	1 080	1 880	2 480	2 630	781	490	383	279	781	1 270	16
17	1 380	1 470	878	1 840	2 470	2 580	771	482	351	271	784	1 070	17
18	1 370	1 370	881	1 830	2 420	2 520	721	478	389	271	837	1 120	18
19	1 480	1 380	988	1 830	2 330	2 330	708	477	388	277	1 080	1 200	19
20	1 480	1 290	998	1 880	2 300	2 100	886	488	345	304	1 220	1 120	20
21	1 500	1 320	980	1 820	2 240	1 950	872	508	328	338	1 280	1 100	21
22	1 480	1 340	1 000	1 850	2 170	1 880	786	484	328	357	1 230	1 180	22
23	1 490	1 330	1 010	1 850	2 080	1 750	845	488	378	347	1 310	1 080	23
24	1 500	1 310	1 010	1 890	2 010	1 830	884	478	380	358	1 080	1 040	24
25	1 480	1 190	993	1 870	1 980	1 480	815	435	385	377	992	975	25
26	1 480	1 130	1 020	1 850	1 980	1 400	808	392	435	410	1 020	972	26
27	1 490	1 200	1 120	1 840	2 080	1 380	825	378	444	442	1 040	1 010	27
28	1 480	1 070	1 280	1 820	2 130	1 200	883	370	426	436	1 110	942	28
29	1 410		1 820	1 780	2 200	1 210	850	401	422	421	1 120	880	29
30	1 440		1 720	1 700	2 280	1 180	805	424	389	410	1 070	922	30
31	1 480		1 880		2 310		484	412		403		889	31
TOTAL	42 180	39 710	32 389	53 730	68 590	60 850	25 398	14 984	12 000	10 151	23 302	33 870	TOTAL
MEAN	1 380	1 420	1 040	1 790	2 180	2 020	818	483	400	327	777	1 090	MEAN
MAX	1 500	1 580	1 720	1 930	2 470	2 680	1 180	801	545	442	1 210	1 270	MAX
MIN	1 110	1 070	833	1 830	1 770	1 180	484	370	328	258	398	880	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 140
MAXIMUM DAILY, 2 680 ON JUN 17
MINIMUM DAILY, 258 ON OCT 5
MAXIMUM INSTANTANEOUS,
2 700 AT 05:17 EST ON JUN 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 21 54 N
LONG 75 46 18 W
DRAINAGE AREA, 90 900 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 840 000	JUL	2 190 000
FEB	3 430 000	AUG	1 290 000
MAR	2 800 000	SEP	1 040 000
APR	4 640 000	OCT	877 000
MAY	5 750 000	NOV	2 010 000
JUN	5 240 000	DEC	2 930 000

TOTAL DISCHARGE, 35 800 000 dam³

OTTAWA RIVER AT BRITANNIA - STATION NO. 02KF005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	58.248	58.514	58.186	58.808	58.874	59.017	58.282	57.808	57.738	57.658	57.712	58.228	1
2	58.290	58.530	58.183	58.827	58.718	59.021	58.228	57.800	57.748	57.655	57.710	58.231	2
3	58.337	58.485	58.163	58.804	58.746	59.008	58.249	57.805	57.713	57.635	57.772	58.203	3
4	58.287	58.522	58.124	58.802	58.748	59.004	58.258	57.852	57.702	57.575	57.728	58.204	4
5	58.387	58.559	58.088	58.708	58.747	58.992	58.183	57.863	57.893	57.533	57.687	58.230	5
6	58.381	58.557	58.105	58.737	58.783	58.984	58.170	57.830	57.868	57.533	57.688	58.246	6
7	58.308	58.562	58.142	58.780	58.788	58.982	58.178	57.788	57.838	57.538	57.708	58.267	7
8	58.371	58.561	58.184	58.789	58.835	58.904	58.182	57.788	57.811	57.524	57.720	58.308	8
9	58.388	58.559	58.148	58.788	58.832	58.788	58.128	57.780	57.807	57.521	57.752	58.328	9
10	58.332	58.482	58.168	58.770	58.888	58.808	58.208	57.782	57.858	57.537	57.767	58.341	10
11	58.383	58.488	58.111	58.768	58.932	58.785	58.183	57.787	57.748	57.577	57.847	58.287	11
12	58.388	58.505	58.028	58.721	58.988	58.804	58.080	57.778	57.807	57.572	57.873	58.302	12
13	58.431	58.498	58.051	58.708	59.028	58.808	58.044	57.778	57.820	57.586	57.858	58.298	13
14	58.441	58.524	58.044	58.683	59.054	59.038	58.082	57.772	57.784	57.540	57.858	58.301	14
15	58.430	58.538	58.072	58.628	59.072	59.118	58.080	57.774	57.718	57.532	57.895	58.232	15
16	58.438	58.534	58.228	58.801	59.072	59.182	58.008	57.778	57.868	57.568	57.888	58.358	16
17	58.423	58.492	58.147	58.698	59.076	59.174	57.883	57.771	57.831	57.538	58.010	58.212	17
18	58.430	58.427	58.083	58.694	59.054	59.088	57.885	57.788	57.883	57.536	58.043	58.261	18
19	58.488	58.423	58.141	58.692	59.028	58.997	57.948	57.787	57.841	57.543	58.219	58.311	19
20	58.484	58.370	58.182	58.820	58.988	58.872	57.938	57.775	57.824	57.575	58.322	58.290	20
21	58.510	58.384	58.158	58.705	58.949	58.783	57.817	57.780	57.801	57.618	58.348	58.238	21
22	58.488	58.404	58.185	58.741	58.913	58.728	58.008	57.773	57.801	57.638	58.331	58.278	22
23	58.509	58.400	58.172	58.723	58.888	58.683	57.887	57.776	57.884	57.627	58.330	58.221	23
24	58.514	58.388	58.169	58.748	58.821	58.693	57.928	57.787	57.842	57.637	58.207	58.180	24
25	58.486	58.300	58.182	58.735	58.808	58.500	57.873	57.727	57.838	57.693	58.187	58.144	25
26	58.501	58.280	58.178	58.721	58.787	58.448	57.887	57.881	57.722	57.700	58.178	58.142	26
27	58.504	58.307	58.248	58.718	58.848	58.417	57.881	57.885	57.737	57.738	58.191	58.170	27
28	58.487	58.213	58.284	58.708	58.880	58.308	57.833	57.854	57.717	57.728	58.248	58.130	28
29	58.452		58.288	58.682	58.830	58.318	57.823	57.881	57.714	57.713	58.282	58.075	29
30	58.475		58.644	58.835	58.873	58.288	57.788	57.716	57.877	57.701	58.213	58.108	30
31	58.484		58.824		58.887		57.772	57.703		57.883		58.081	31
MEAN	58.420	58.458	58.182	58.888	58.898	58.818	58.027	57.788	57.885	57.603	57.980	58.230	MEAN
MAX	58.514	58.582	58.844	58.770	59.078	59.174	58.282	57.883	57.820	57.738	58.380	58.388	MAX
MIN	58.248	58.213	58.035	58.682	58.874	58.288	57.772	57.854	57.801	57.521	57.887	58.075	MIN

WATER LEVELS IN METRES

MEAN, 58.228
MAXIMUM DAILY, 59.174 ON JUN 17
MINIMUM DAILY, 57.521 ON OCT 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 21 54 N
LONG 75 46 18 W

REGULATED

DRAINAGE AREA,
90 900 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

OTTAWA RIVER AT CHATS FALLS - STATION NO. 02KF008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 030	1 430	840	1 470	1 850	2 270	1 140	848	823	385	426	1 040	1
2	1 180	1 420	1 040	1 830	1 750	2 240	889	806	458	367	470	884	2
3	1 180	1 340	779	1 840	1 780	2 180	1 080	863	448	298	441	893	3
4	1 180	1 470	881	1 890	1 810	2 180	843	889	470	289	403	998	4
5	1 280	1 480	731	1 740	1 880	2 190	918	882	482	299	370	908	5
6	1 140	1 480	899	1 880	1 810	2 130	922	807	401	300	410	1 070	6
7	1 070	1 470	928	1 740	1 830	3 100	888	498	370	298	425	1 100	7
8	1 280	1 480	883	1 720	1 880	1 880	888	831	371	300	433	1 130	8
9	1 250	1 500	955	1 780	1 880	1 880	859	830	397	288	440	1 110	9
10	1 100	1 310	872	1 740	1 880	1 880	888	888	814	354	845	1 140	10
11	1 180	1 340	813	1 880	2 220	1 800	807	828	887	332	847	1 080	11
12	1 230	1 430	748	1 820	2 280	1 820	747	824	881	313	874	1 100	12
13	1 320	1 380	771	1 830	2 220	2 230	748	823	488	304	828	1 080	13
14	1 320	1 430	784	1 830	2 280	2 430	801	828	484	288	893	1 040	14
15	1 230	1 480	878	1 800	2 350	2 520	721	832	408	301	802	1 040	15
16	1 320	1 380	853	1 480	2 320	2 810	783	834	372	301	738	1 230	16
17	1 280	1 380	728	1 800	2 330	2 800	885	828	423	302	732	874	17
18	1 310	1 280	824	1 800	2 270	2 350	832	828	412	302	738	1 080	18
19	1 410	1 210	884	1 840	2 240	2 080	727	828	405	338	1 080	1 080	19
20	1 370	1 180	832	1 870	2 120	1 810	823	830	378	322	1 180	1 030	20
21	1 430	1 330	808	1 780	2 080	1 770	785	833	388	382	1 180	888	21
22	1 330	1 240	817	1 730	2 070	1 850	877	828	403	388	1 180	1 030	22
23	1 440	1 280	881	1 880	1 810	1 890	804	828	387	387	1 130	1 010	23
24	1 380	1 130	873	1 750	1 800	1 380	840	814	374	388	802	807	24
25	1 430	1 150	822	1 720	1 810	1 350	884	429	387	388	858	842	25
26	1 380	888	913	1 880	1 870	1 270	884	481	803	437	812	883	26
27	1 380	1 080	1 040	1 710	2 030	1 170	811	388	437	448	884	889	27
28	1 320	888	1 110	1 710	2 070	1 120	842	488	444	418	884	782	28
29	1 320		1 480	1 870	2 180	1 120	808	474	378	380	871	888	29
30	1 310		1 800	1 810	2 180	1 080	481	483	378	400	812	782	30
31	1 380		1 480		2 220		813	472		378		808	31
TOTAL	38 720	35 883	38 387	48 180	62 840	58 420	23 201	18 928	13 017	10 805	21 888	30 880	TOTAL
MEAN	1 280	1 320	847	1 840	2 030	1 880	748	814	424	342	722	888	MEAN
MAX	1 440	1 800	1 800	1 780	2 350	2 810	1 140	888	881	487	1 180	1 230	MAX
MIN	1 030	888	728	1 470	1 850	1 080	481	388	387	288	370	782	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 070
MAXIMUM DAILY, 2 810 ON JUN 18
MINIMUM DAILY, 288 ON OCT 3

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 45 28 30 N
LONG 75 14 21 W
DRAINAGE AREA, 89 800 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 430 000	JUL	2 000 000
FEB	3 180 000	AUG	1 380 000
MAR	2 540 000	SEP	1 120 000
APR	4 280 000	OCT	818 000
MAY	5 440 000	NOV	1 870 000
JUN	4 870 000	DEC	2 870 000

TOTAL DISCHARGE, 33 700 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

OTTAWA RIVER AT CUMBERLAND - STATION NO. 02LB010

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.833	5.785	5.818	5.182	5.801	5.788	5.388	5.240	5.288	5.227	5.218	5.818	1
2	5.886	5.802	5.885	5.886	5.898	5.800	5.372	5.237	5.232	5.270	5.273	5.881	2
3	5.899	5.785	5.858	5.824	5.878	5.782	5.378	5.238	5.248	5.181	5.318	5.818A	3
4	5.883	5.771	5.824	5.848	5.887	5.802	5.387	5.237	5.284	5.182	5.243	5.870E	4
5	5.883	5.777	5.838	5.874	5.708	5.811	5.344	5.250	5.244	5.188	5.231	5.800E	5
6	5.848	5.778	5.803	5.828	5.708	5.800	5.338	5.263	5.244	5.242	5.280	5.802E	6
7	5.818	5.788	5.814	5.708	5.734	5.781	5.334	5.235	5.273	5.182	5.238	5.830E	7
8	5.888	5.813	5.813	5.837	5.818	5.701	5.334	5.190	5.248	5.188	5.231	5.858E	8
9	5.891	5.784	5.887	5.484	5.818	5.878	5.288	5.200	5.281	5.228	5.338	5.870E	9
10	5.890	5.744	5.883	5.817	5.828	5.878	5.328	5.241	5.271	5.272	5.310	5.700E	10
11	5.877	5.742	5.488	5.871	5.887	5.888	5.318	5.231	5.288	5.293	5.331	5.828E	11
12	5.848	5.767	5.382	5.782	5.828	5.827	5.274	5.281	5.284	5.271	5.368	5.841E	12
13	5.888	5.788	5.288	5.784	5.828	5.828	5.288	5.303	5.248	5.287	5.382	5.810E	13
14	5.784	5.778	5.328	5.733	5.888	5.782	5.308	5.248	5.248	5.188	5.428	5.897E	14
15	5.743	5.788	5.811	5.781	5.908	5.887	5.288	5.207	5.228	5.182	5.482	5.880E	15
16	5.724	5.774	5.878	5.880	5.888	5.821	5.287	5.218	5.227	5.248	5.521	5.800A	16
17	5.880	5.782	5.881	5.835	5.882	5.848	5.297	5.228	5.228	5.228	5.487	5.890A	17
18	5.882	5.888	5.872	5.814	5.858	5.889	5.288	5.234	5.282	5.172	5.874	5.881E	18
19	5.783	5.880	5.882	5.821	5.824	5.784	5.241	5.238	5.247	5.201	5.808	5.870A	19
20	5.780	5.878	5.802	5.842	5.781	5.887	5.271	5.228	5.248	5.384	5.853	5.870A	20
21	5.747	5.831	5.808	5.888	5.741	5.884	5.280	5.238	5.218	5.271	5.842	5.420E	21
22	5.787	5.882	5.885	5.886	5.893	5.848	5.272	5.212	5.240	5.247	5.888	5.418E	22
23	5.778	5.848	5.843	5.822	5.738	5.812	5.228	5.253	5.198	5.283	5.858	5.480E	23
24	5.780	5.843	5.889	5.838	5.743	5.833	5.253	5.195	5.224	5.277	5.484	5.813E	24
25	5.738	5.892	5.809	5.858	5.732	5.489	5.257	5.222	5.288	5.282	5.488	5.820E	25
26	5.771	5.888	5.842	5.830	5.708	5.481	5.233	5.204	5.248	5.281	5.480	5.488E	26
27	5.770	5.883	5.887	5.888	5.702	5.488	5.238	5.111	5.232	5.288	5.441	5.828E	27
28	5.720	5.848	5.878	5.874	5.712	5.380	5.231	5.183	5.240	5.283	5.438	5.492E	28
29	5.707		5.388	5.888	5.738	5.338	5.228	5.241	5.238	5.247	5.388	5.433E	29
30	5.782		5.488	5.488	5.782	5.380	5.238	5.223	5.227	5.273	5.487	5.438E	30
31	5.780		5.338		5.782		5.238	5.218		5.307		5.488E	31
MEAN	5.885	5.818	5.823	5.884	5.788	5.874	5.280	5.224	5.248	5.248	5.411	5.882	MEAN
MAX	5.780	5.813	5.488	5.182	5.858	5.848	5.388	5.282	5.288	5.384	5.882	5.708	MAX
MIN	5.833	5.848	5.288	5.488	5.881	5.388	5.228	5.111	5.188	5.182	5.218	5.818	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 5.810
MAXIMUM DAILY, 5.488 ON MAR 30
MINIMUM DAILY, 5.111 ON AUG 27
MAXIMUM INSTANTANEOUS,
5.488 AT 23:59 EST ON MAR 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 31 17 N
LONG 75 24 45 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 38.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

OTTAWA RIVER AT DES JOACHIMS - STATION NO. 02KA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	745	1 200	488	992	1 240	1 780	718	501	384	191	228	770	1
2	831	1 180	688	831	1 220	1 810	737	432	422	287	305	780	2
3	925	1 180	853	784	1 180	1 850	756	412	372	287	310	785	3
4	978	1 220	870	802	1 230	1 880	742	427	373	304	383	826	4
5	922	1 200	803	870	1 230	1 780	714	437	408	287	324	785	5
6	1 010	1 220	711	783	1 200	1 480	705	400	342	258	318	925	6
7	884	1 180	678	800	878	1 210	840	485	408	272	335	848	7
8	788	1 080	582	952	1 200	1 300	871	588	483	252	325	970	8
9	852	1 040	887	918	1 340	1 270	588	582	383	250	285	771	9
10	1 010	1 110	631	825	1 280	1 530	871	480	382	245	311	888	10
11	1 070	1 220	613	845	1 280	2 140	588	432	372	287	313	863	11
12	1 040	1 300	882	914	1 280	2 140	848	480	328	280	321	877	12
13	880	1 220	428	880	1 300	2 120	906	381	382	281	382	888	13
14	1 080	1 020	838	872	1 300	2 310	853	408	387	314	387	883	14
15	1 090	1 040	831	930	1 280	2 100	482	432	334	238	348	889	15
16	886	1 080	872	825	1 280	1 810	324	403	282	254	480	932	16
17	978	1 030	809	1 020	1 280	1 380	803	448	272	273	772	773	17
18	1 090	1 040	748	928	1 290	1 270	587	486	332	271	885	716	18
19	1 300	1 070	883	1 140	1 280	1 230	804	411	323	283	811	882	19
20	1 290	1 100	715	1 280	1 280	1 260	523	482	255	247	831	777	20
21	1 120	937	708	1 310	1 180	1 080	804	458	270	287	880	845	21
22	1 040	871	881	1 340	1 170	887	475	389	401	287	570	841	22
23	1 090	882	853	1 330	1 220	920	422	383	319	315	702	803	23
24	1 130	818	483	1 280	1 280	731	548	382	381	326	538	841	24
25	1 020	727	883	1 140	1 420	748	377	381	323	314	588	370	25
26	1 150	808	539	1 280	1 880	733	413	388	281	323	878	842	26
27	1 280	855	877	1 280	1 720	787	488	348	232	321	886	888	27
28	1 070	708	838	1 220	1 880	788	809	345	248	344	728	701	28
29	1 180		724	1 220	1 880	780	422	381	248	290	871	883	29
30	1 130		882	1 270	1 830	784	302	381	288	330	888	783	30
31	1 180		826		1 810		473	383		320		484	31
TOTAL	32 137	28 217	30 270	30 911	41 875	41 897	17 884	13 216	10 140	8 839	14 315	24 888	TOTAL
MEAN	1 040	1 040	884	1 030	1 350	1 390	870	426	338	279	477	783	MEAN
MAX	1 300	1 300	925	1 340	1 460	2 310	940	588	483	344	772	970	MAX
MIN	745	809	428	784	878	731	302	345	232	181	228	370	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 780
MAXIMUM DAILY, 2 310 ON JUN 14
MINIMUM DAILY, 181 ON OCT 1

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 11 00 N
LONG 77 41 52 W
DRAINAGE AREA, 57 800 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 780 000	JUL	1 530 000
FEB	2 520 000	AUG	1 140 000
MAR	1 780 000	SEP	878 000
APR	2 670 000	OCT	748 000
MAY	3 620 000	NOV	1 240 000
JUN	3 590 000	DEC	2 120 000

TOTAL DISCHARGE, 24 800 000 dam³

OTTAWA RIVER AT LA CAVE RAPIDS - STATION NO. 02JE012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	880	1 140	880	804	1 080	1 480	893	424	385	203	293	872	1
2	788	1 170	730	588	1 010	1 510	838	404	384	224	335	888	2
3	880	1 180	848	800	1 030	1 510	721	408	378	249	288	717	3
4	880	1 180	818	891	1 030	1 490	880	408	382	245	308	814	4
5	818	1 180	825	827	911	1 320	882	412	383	285	312	734	5
6	887	1 130	884	888	888	1 080	888	431	334	248	302	717	6
7	828	1 180	884	818	778	1 100	858	384	348	287	308	873	7
8	784	1 180	842	888	888	1 030	882	473	434	238	333	885	8
9	837	1 180	850	722	838	978	883	488	383	284	300	710	9
10	888	1 120	827	881	848	1 340	888	408	373	243	312	708	10
11	878	1 110	807	881	878	1 770	844	408	378	251	287	848	11
12	828	1 180	813	874	808	1 880	855	388	382	235	304	888	12
13	882	1 120	478	859	888	1 890	478	378	388	270	378	830	13
14	1 000	1 080	488	887	882	1 800	811	388	349	282	338	722	14
15	993	1 080	881	888	924	1 710	418	404	288	288	347	821	15
16	1 000	874	808	728	868	1 480	470	378	372	237	388	838	16
17	883	1 000	487	784	887	1 320	843	404	310	238	407	734	17
18	1 110	884	888	828	888	1 300	823	388	312	240	382	708	18
19	1 150	885	478	803	1 040	1 220	488	383	302	248	372	817	19
20	1 070	808	488	888	900	1 100	808	383	303	288	388	787	20
21	1 080	788	813	873	884	883	838	382	330	288	382	788	21
22	1 040	837	481	1 080	877	881	481	383	322	241	480	780	22
23	1 040	871	803	1 000	921	741	303	403	327	303	488	778	23
24	1 040	777	488	888	1 140	773	470	383	321	300	837	801	24
25	1 080	781	487	872	1 270	787	388	388	324	313	870	413	25
26	1 130	744	488	884	1 380	788	388	453	282	303	842	748	26
27	1 180	777	485	1 100	1 420	808	803	320	212	321	834	787	27
28	1 120	788	848	1 080	1 480	781	484	383	230	317	842	728	28
29	1 080		888	1 030	1 470	880	371	381	248	288	828	830	29
30	1 070		852	1 130	1 480	717	387	373	238	320	847	704	30
31	1 180		881		1 450		388	388		288		481	31
TOTAL	30 888	28 137	18 888	24 194	32 811	36 122	18 208	12 372	9 887	8 228	11 880	22 781	TOTAL
MEAN	987	1 000	838	808	1 080	1 200	833	388	328	288	388	734	MEAN
MAX	1 180	1 170	730	1 130	1 480	1 890	721	488	434	321	847	873	MAX
MIN	880	744	488	888	778	880	303	320	212	203	293	413	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 884
MAXIMUM DAILY, 1 890 ON JUN 13
MINIMUM DAILY, 203 ON OCT 1

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 22 40 N
LONG 78 43 24 W
DRAINAGE AREA, 47 800 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 840 000	JUL	1 400 000
FEB	2 430 000	AUG	1 070 000
MAR	1 440 000	SEP	852 000
APR	2 090 000	OCT	711 000
MAY	2 810 000	NOV	1 040 000
JUN	3 120 000	DEC	1 970 000

TOTAL DISCHARGE, 21 800 000 dam³

OTTAWA RIVER AT MATTAWA - STATION NO. 02JE013

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	52.808	53.085	52.476	51.427	52.550	53.888	52.881	52.331	52.053	51.818	52.080	52.782	1
2	52.883	53.138	52.508	51.383	52.538	53.738	52.867	52.288	52.092	51.848	52.159	52.759	2
3	52.884	53.088	52.368	51.388	52.598	53.730	52.718	52.247	52.085	51.782	52.148	52.758	3
4	52.847	53.053	52.446	51.388	52.670	53.891	52.712	52.284	52.087	51.761	52.208	52.818	4
5	52.908	53.018	52.438	51.490	53.590	53.838	52.701	52.301	52.103	51.777	52.223	52.598	5
6	53.005	52.918	52.328	51.547	52.390	53.188	52.677	52.250	52.028	51.783	52.184	52.552	6
7	52.894	52.918	52.188	51.488	52.472	53.102	52.588	52.258	52.054	51.782	52.241	52.587	7
8	52.873	52.878	52.047	51.550	52.888	53.007	52.888	52.263	52.109	51.738	52.278	52.884	8
9	52.870	53.033	52.040	51.852	52.727	52.830	52.888	52.236	52.085	51.773	52.274	52.597	9
10	52.813	53.048	51.848	51.885	52.884	53.058E	52.831	52.103	52.032	51.818	52.281	52.593	10
11	52.867	53.032	51.834	51.880	52.982	53.783E	52.840	52.088	52.052	51.807	52.315	52.733	11
12	52.867	53.048	51.740	51.885	52.932	53.883	52.928	52.034	52.008	51.824	52.348	52.788	12
13	52.882	53.028	51.882	51.488	52.818	53.817	52.430	52.000	52.080	51.884	52.470	52.747	13
14	52.858	52.982	51.708	51.582	52.847	53.878	52.388	52.085	52.084	51.852	52.487	52.828	14
15	52.921	53.008	51.780	51.478	52.788	53.884	52.284	52.081	51.961	51.803	52.477	52.717	15
16	52.848	52.918	51.825	51.858	52.858	53.318	52.878	52.032	51.840	51.850	52.882	52.838	16
17	52.848	52.881	51.824	51.718	52.888	53.117	52.487	52.041	51.883	51.848	52.801	52.848	17
18	53.148	52.883	51.858	51.813	52.822	53.173	52.512	52.010	52.031	51.831	52.577	52.832	18
19	53.216	52.854	51.378	52.028	52.984	53.072	52.407	51.888	52.000	51.838	53.813	52.822	19
20	53.026	52.720	51.408	51.888	52.781	52.778	52.518	51.870	51.903	51.872	52.820	52.805	20
21	52.988	52.528	51.288	52.150	52.700	52.882	52.507	51.908	52.012	51.824	53.487	52.881	21
22	52.972	52.480	51.285	52.310	52.987	52.802	52.458	51.885	52.088	51.808E	52.852	52.882	22
23	52.884	52.532	51.141	52.288	52.780	52.484	52.278	51.883	51.944	51.883E	52.485	52.881	23
24	52.947	52.378	51.128	52.243	53.081	52.810	52.387	51.885	51.886	51.890E	52.818	52.884	24
25	52.984	52.381	51.200	52.207	53.388	52.728	52.303	51.831	51.831	52.048	52.704	52.335	25
26	53.052	52.441	51.087	52.278	53.537	52.800	52.348	52.032	51.917	52.010	52.854	52.713	26
27	53.108	52.480	51.114	52.450	53.808	52.782	52.484	51.988	51.887	52.012	52.728	52.783	27
28	53.087	52.805	51.237	52.581	53.735	52.708	52.484	52.008	51.832	52.052	52.868	52.738	28
29	53.044		51.408	52.488	53.847	52.714	52.343	51.877	51.810	52.011	52.885	52.839	29
30	53.038		51.400	52.848	53.703	52.731	52.337	52.008	51.862	52.080	52.742	52.712	30
31	53.180		51.472		53.843		52.442	52.047		52.088		52.578	31
MEAN	52.970	52.842	51.703	51.845	52.958	53.170	52.488	52.073	52.002	51.882	52.448	52.843	MEAN
MAX	53.214	53.138	52.508	52.848	53.725	53.917	52.718	52.331	52.108	52.088	52.742	52.838	MAX
MIN	52.808	52.378	51.087	51.380	52.380	52.484	52.278	51.858	51.882	51.738	52.080	52.335	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 52.417
MAXIMUM DAILY, 53.917 ON JUN 13
MINIMUM DAILY, 51.087 ON MAR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 19 00 N
LONG 78 42 30 W

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

OTTAWA RIVER AT PEMBROKE - STATION NO. 02KC013

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	111.590	111.840	111.420	111.880	111.840	112.270	111.820	111.130	111.080	---	110.870	111.440	1
2	111.580	111.850	111.440	111.880	111.880	112.250	111.800	111.140	111.070	---	110.840	111.480	2
3	111.610	111.870	111.450	111.850	111.840	112.280	111.820	111.140	111.080	---	110.880	111.500	3
4	111.640	111.880	111.430	111.840	111.850	112.280	111.480	111.120	111.030	---	110.940	111.510	4
5	111.620	111.880	111.380	111.880	111.870	112.280	111.490	111.120	111.040	110.880	110.940	111.520	5
6	111.880	111.900	111.440	111.880E	111.880	112.180	111.470	111.120	111.030	110.880	110.880	111.570	6
7	111.630	111.870	111.470	---	111.880	112.030	111.480	111.080	111.030	110.870	110.880	111.580	7
8	111.580	111.840	111.430	---	111.870	111.970	111.440	111.120	111.080	---	111.000	111.620	8
9	111.630	111.780	111.380	---	111.880	111.940	111.380	111.140	111.080	---	111.000	111.580	9
10	111.680	111.770	111.380	---	112.030	111.970	111.430	111.210	111.080	---	111.010	111.510	10
11	111.700	111.800	111.370	---	112.040	112.210	111.400	111.170	---	---	111.000	111.520	11
12	111.710	111.840	111.400	---	112.080	112.380	111.380	111.140	---	---	111.010	111.550	12
13	111.680	111.880	111.330	---	112.080	112.420	111.380	111.110	---	---	111.010	111.570	13
14	111.700	111.780	111.270	---	112.080	112.480	111.380	111.080	---	---	111.040	111.590	14
15	111.730	111.740	111.310	---	112.080	112.520	111.300	111.080	---	---	111.080	111.570	15
16	111.710	111.720	111.380	---	112.080	112.370	111.210	111.080	---	---	111.080	111.620	16
17	111.720	111.700	111.370	---	112.040	112.210	111.180	111.080	---	110.880	111.300	111.570	17
18	111.700	111.700	111.370	---	112.030	112.080	111.280	111.100	---	110.880	111.340	111.610	18
19	111.780	111.700	111.380	---	112.020	112.020	111.270	111.100	---	110.880	111.310	111.580	19
20	111.870	111.710	111.400	111.810E	112.010	111.980	111.220	111.080	---	110.850	111.400	111.520	20
21	111.830	111.870	111.380	111.840	111.880	111.900	111.240	111.130	---	110.870	111.400	111.540	21
22	111.780	111.880	111.410	111.870	111.840	111.820	111.250	111.110	---	110.890	111.310	111.570	22
23	111.770E	111.820	111.390	111.880	111.920	111.770	111.180	111.080	---	110.880	111.380	111.610	23
24	---	111.580	111.380	111.840	111.880	111.670	111.180	111.080	---	---	111.310	111.480	24
25	---	111.820	111.310	111.820	111.840	111.600	111.180	111.040	---	---	111.320	111.370	25
26	---	111.440	111.320	111.880	112.100	111.570	111.110	111.020	---	---	111.380	111.280	26
27	---	111.480	111.310	111.920	112.180	111.580	111.110	111.010	---	---	111.380	111.420	27
28	---	111.490	111.380	111.920	112.220	111.810	111.180	111.000	---	---	111.430	111.440	28
29	---		111.480	111.930	112.300	111.670	111.180	111.000	---	---	111.430	111.480	29
30	---		111.550	111.830	112.280	111.530	111.080	111.040	---	---	111.430	111.550	30
31	111.810		111.620		112.280		111.080	111.070		110.850		111.440	31
MEAN	---	111.734	111.388	---	112.034	112.028	111.302	111.094	---	---	111.188	111.514	MEAN
MAX	---	111.900	111.620	---	112.300	112.520	111.620	111.210	---	---	111.450	111.620	MAX
MIN	---	111.440	111.270	---	111.870	111.530	111.080	111.000	---	---	110.940	111.280	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 49 45 N
LONG 77 07 02 W

DATA CONTRIBUTED BY - ONTARIO HYDRO

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

OTTAWA RIVER AT SANDPOINT - STATION NO. 02KC015

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	74.150	74.130	74.130	74.180	74.180	74.380	74.100	74.150	74.210	74.100	74.150	74.080	1
2	74.150	74.070	74.140	74.210	74.190	74.330	74.130	74.120	74.180	74.100	74.150	74.150	2
3	74.080	74.120	74.140	74.180	74.150	74.310	74.120	74.130	74.200	74.080	74.130	74.140	3
4	74.150	74.140	74.100	74.180	74.180	74.300	74.110	74.100	74.200	74.100	74.080	74.130	4
5	74.170	74.090	74.130	74.200	74.180	74.310	74.180	74.080	74.200	74.110	74.100	74.140	5
6	74.120	74.110	74.140	74.180	74.200	74.280	74.150	74.080	74.170	74.110	74.130	74.120	6
7	74.120	74.110	74.150	74.180	74.200	74.280	74.140	74.080	74.120	74.080	74.140	74.150	7
8	74.130	74.110	74.110	74.180	74.200	74.200	74.120	74.080	74.070	74.100	74.150	74.150	8
9	74.130	74.070	74.170	74.180	74.180	74.190	74.140	74.140	74.150	74.110	74.140	74.150	9
10	74.150	74.120	74.100	74.200	74.210	74.170	74.120	74.170	74.180	74.130	74.210	74.080	10
11	74.120	74.130	74.180	74.150	74.320	74.120	74.080	74.130	74.180	74.120	74.180	74.120	11
12	74.150	74.040	74.140	74.180	74.350	74.150	74.130	74.110	74.140	74.120	74.160	74.120	12
13	74.140	74.050	74.150	74.180	74.350	74.340	74.070	74.120	74.040	74.130	74.150	74.120	13
14	74.120	74.070	74.180	74.150	74.390	74.420	74.110	74.150	74.030	74.140	74.150	74.080	14
15	74.120	74.120	74.170	74.180	74.400	74.480	74.120	74.150	74.020	74.120	74.140	74.140	15
16	74.090	74.040	74.120	74.120	74.410	74.520	74.150	74.150	74.080	74.140	74.140	74.180	16
17	74.110	74.030	74.130	74.140	74.390	74.470	74.130	74.130	74.130	74.150	74.150	74.130	17
18	74.150	74.070	74.150	74.160	74.350	74.390	74.140	74.130	74.120	74.170	74.120	74.130	18
19	74.130	74.040	74.160	74.180	74.320	74.290	74.140	74.120	74.110	74.170	74.110	74.100	19
20	74.140	74.050	74.140	74.190	74.280	74.210	74.100	74.140	74.100	74.150	74.110	74.130	20
21	74.130	74.120	74.130	74.180	74.240	74.190	74.130	74.150	74.080	74.150	74.120	74.130	21
22	74.080	74.100	74.140	74.170	74.220	74.180	74.130	74.110	74.130	74.170	74.100	74.130	22
23	74.030	74.100	74.170	74.180	74.180	74.180	74.120	74.110	74.150	74.150	74.040	74.110	23
24	74.040	74.080	74.130	74.200	74.200	74.120	74.120	74.100	74.140	74.150	74.140	74.120	24
25	74.120	74.150	74.140	74.170	74.200	74.110	74.120	74.100	74.180	74.150	74.150	74.100	25
26	74.110	74.130	74.150	74.170	74.210	74.110	74.140	74.180	74.200	74.150	74.150	74.150	26
27	74.090	74.080	74.150	74.140	74.210	74.070	74.120	74.170	74.180	74.140	74.130	74.120	27
28	74.050	74.120	74.150	74.120	74.210	74.130	74.120	74.210	74.150	74.130	74.140	74.120	28
29	74.100		74.150	74.070	74.280	74.130	74.110	74.210	74.140	74.130	74.150	74.120	29
30	74.130		74.150	74.170	74.300	74.080	74.130	74.210	74.150	74.150	74.150	74.130	30
31	74.140		74.090		74.360		74.140	74.210		74.140		74.140	31
MEAN	74.117	74.094	74.143	74.171	74.259	74.248	74.124	74.134	74.137	74.135	74.139	74.127	MEAN
MAX	74.170	74.150	74.190	74.210	74.410	74.520	74.150	74.210	74.210	74.150	74.210	74.150	MAX
MIN	74.030	74.030	74.080	74.070	74.150	74.070	74.050	74.050	74.020	74.080	74.040	74.080	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 74.153
MAXIMUM DAILY, 74.520 ON JUN 15
MINIMUM DAILY, 74.020 ON SEP 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 29 15 N
LONG 75 26 05 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

OTTAWA RIVER BELOW TEMISCAMING - STATION NO. 02JE024

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.698	9.352	8.635	8.683	7.778	10.033	9.878	9.787	8.785	8.840	9.084	8.844	1
2	9.865	9.258	8.514	8.673	8.188	10.048	9.875	9.791	8.783	8.844	9.022	8.473	2
3	9.673	9.142	8.508	8.661	8.484	10.038	9.815	9.783	8.742	8.755	9.118	8.480	3
4	9.836	9.177	8.664	8.892	8.578	10.050	9.844	9.780	8.757	8.832	9.167	8.425	4
5	9.857	9.085	8.736	8.687	8.778	9.990	9.884	9.708	8.580	8.804	9.185	8.515	5
6	9.827	8.972	8.538	8.730	9.055	9.885	9.818	9.705	8.637	8.888	9.168	8.884	6
7	9.714	8.976	8.541	8.709	9.105	10.021	9.808	9.735	8.688	8.894	9.185	8.881	7
8	9.835	9.080	8.590	8.676	9.388	9.798	9.838	9.858	8.832	8.878	9.207	8.831	8
9	9.852	9.052	8.588	8.727	9.808	9.880	9.843	9.388	8.380	8.825	9.282	8.858	9
10	9.828	8.888	8.580	8.832	9.878	9.852	9.878	9.178	8.417	8.818	9.408	8.855	10
11	9.885	8.847	8.598	8.688	9.888	10.000	9.853	9.180	8.368	8.838	9.833	8.820	11
12	9.880	8.821	8.541	8.837	9.781	10.034	9.800	9.100	8.331	8.805	9.835	9.820	12
13	9.861	8.380	8.588	8.698	9.824	10.052	9.270	9.177	8.192	8.483	9.812	8.448	13
14	9.888	8.140	8.830	8.728	9.880	10.008	9.303	9.180	8.144	8.428	9.888	9.330	14
15	10.008	7.910	8.584	8.710	10.050	9.878	9.418	9.087	8.121	8.488	9.888	9.378	15
16	9.878	7.778	8.887	8.730	9.887	9.857	9.877	9.148	8.248	8.382	9.778	9.280	16
17	10.010	7.628	8.881	8.744	9.881	9.844	9.888	9.148	8.334	8.388	9.824	9.248	17
18	9.841	7.380	8.598	8.880	9.838	9.828	9.848	9.101	8.218	8.407	9.834	9.487	18
19	9.588	7.108	8.852	8.858	9.811	9.841	9.898	9.088	8.268	8.442	9.827	9.320	19
20	9.410	8.918	8.873	8.909	9.708	9.827	9.878	9.122	8.378	8.834	9.782	9.258	20
21	9.452	7.217	8.810	8.883	9.882	9.481	9.801	8.887	8.273	8.883	9.780	9.378	21
22	9.488	7.328	8.823	8.802	9.842	9.182	9.332	9.076	8.184	8.812	9.778	9.088	22
23	9.483	7.088	8.833	8.710	9.870	9.184	9.417	9.048	8.237	8.888	9.787	8.878	23
24	9.431	7.088	8.588	8.725	9.849	9.453	9.487	9.097	8.228	8.927	9.805	9.038	24
25	9.437	7.085	8.528	8.888	9.885	9.534	9.484	8.888	8.137	8.881	9.848	9.485	25
26	9.485	7.018	8.505	7.037	9.888	9.807	9.881	8.880	8.108	8.870	9.782	9.875	26
27	9.365	6.825	8.570	7.177	10.017	9.888	9.880	8.887	8.141	8.881	9.830	9.832	27
28	9.324	6.708	8.584	7.270	9.888	9.824	9.818	8.817	8.388	8.877	9.844	9.384	28
29	9.278		8.807	7.510	10.038	9.808	9.823	8.880	8.480	8.888	9.885	9.148	29
30	9.348		8.884	7.814	9.885	9.701	9.778	8.878	8.822	8.928	9.730	8.878	30
31	9.321		8.827		10.004		9.744	8.883		8.818		9.102	31
MEAN	9.590	8.073	8.577	8.838	9.878	9.788	9.878	9.238	8.381	8.888	9.525	9.414	MEAN
MAX	10.010	9.352	8.736	7.814	10.050	10.052	9.878	9.787	8.785	9.088	9.848	9.875	MAX
MIN	9.278	6.708	8.505	8.832	7.778	9.182	9.270	8.878	8.109	8.382	9.022	8.878	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 8.788
MAXIMUM DAILY, 10.052 ON JUN 13
MINIMUM DAILY, 6.505 ON MAR 28
MAXIMUM INSTANTANEOUS,
10.211 AT 09:08 EST ON JAN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 42 26 N
LONG 79 08 10 W

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 167.600 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

OTTAWA RIVER NEAR WESTMEATH - STATION NO. 02KC005

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.151	2.227	1.875	2.170	2.138	2.880	1.789	1.580	1.321	1.125	1.348	1.885	1
2	2.153	2.261	1.885	2.193	2.148	2.856	1.753	1.576	1.351	1.119	1.338	2.037	2
3	2.144	2.295	1.953	2.123	2.187	2.840	1.726	1.584	1.371	1.097	1.338	2.081	3
4	2.144	2.292	2.067	2.058	2.210	2.862	1.781	1.572	1.392	1.108	1.344	2.185	4
5	2.182	2.337	2.085	2.015	2.230	2.872	1.786	1.558	1.458	1.128	1.341	2.215	5
6	2.214	2.362	2.082	1.981	2.245	2.833	1.816	1.530	1.503	1.145	1.348	2.230	6
7	2.215	2.385	2.080	1.972	2.248	2.802	1.841	1.496	1.521	1.158	1.377	2.230	7
8	2.123	2.329	2.135	2.005	2.203	2.303	1.854	1.461	1.537	1.167	1.404	2.231	8
9	2.048	2.232	2.037	2.010	2.267	2.213	1.813	1.468	1.581	1.158	1.441	2.238	9
10	2.112	2.170	1.952	1.981	2.386	2.180	1.775	1.511	1.587	1.183	1.484	2.192	10
11	2.161	2.184	1.903	1.975	2.470	2.233	1.882	1.557	1.488	1.137	1.481	2.133	11
12	2.167	2.190	1.872	1.962	2.503	2.548	1.840	1.584	1.392	1.127	1.488	2.122	12
13	2.160	2.231	2.028	1.935	2.517	2.784	1.818	1.594	1.308	1.113	1.485	2.138	13
14	2.136	2.272	1.998	1.893	2.525	2.885	1.831	1.580	1.262	1.118	1.487	2.165	14
15	2.183	2.228	1.971	1.850	2.528	3.005	1.832	1.488	1.247	1.133	1.540	2.183	15
16	2.184	2.126	1.858	1.887A	2.520	3.020	1.790	1.440	1.248	1.150	1.598	2.198	16
17	2.184	2.087	2.023	1.887	2.505	2.880	1.696	1.405	1.215	1.124	1.717	2.228	17
18	2.188	2.068	2.078	1.958	2.472	2.628	1.672	1.394	1.177	1.084	1.852	2.184	18
19	2.222	2.106	2.106	2.028	2.424	2.410	1.694	1.380	1.172	1.105	1.868	2.129	19
20	2.318	2.189	2.117	2.107	2.372	2.286	1.711	1.382	1.207	1.148	1.887	2.109	20
21	2.340	2.187	2.126	2.158	2.321	2.184	1.670	1.393	1.240	1.192	1.884	2.088	21
22	2.320	2.155	2.083	2.185	2.252	2.085	1.658	1.416	1.267	1.222	1.936	2.126	22
23	2.261	2.099	2.086	2.185	2.192	1.980	1.653	1.434	1.347	1.264	1.826	2.164	23
24	2.193	2.127	2.052	2.187	2.170	1.928	1.607	1.464	1.417	1.267	1.797	2.155	24
25	2.167	2.087	2.014	2.182	2.180	1.808	1.585	1.460	1.448	1.288	1.788	2.103	25
26	2.178	2.008	1.970	2.115	2.257	1.784	1.541	1.395	1.380	1.281	1.764	1.980	26
27	2.205	1.974	1.950	2.079	2.393	1.841	1.580	1.341	1.294	1.298	1.778	1.887	27
28	2.260	1.987	1.971	2.087	2.517	1.856	1.587	1.299	1.231	1.315	1.812	1.808	28
29	2.228		2.080	2.110	2.608	1.893	1.615	1.295	1.188	1.327	1.883	1.888	29
30	2.188		2.153	2.128	2.672	1.852	1.628	1.278	1.115	1.318	1.832	2.052	30
31	2.191		2.204		2.688		1.590	1.280		1.322		2.180	31
MEAN	2.190	2.184	2.034	2.045	2.366	2.366	1.727	1.456	1.339	1.183	1.628	2.123	MEAN
MAX	2.340	2.385	2.204	2.193	2.688	3.020	1.840	1.594	1.567	1.327	1.888	2.239	MAX
MIN	2.048	1.974	1.886	1.850	2.138	1.784	1.541	1.278	1.115	1.084	1.338	1.887	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 1.885
MAXIMUM DAILY, 3.020 ON JUN 16
MINIMUM DAILY, 1.084 ON OCT 18
MAXIMUM INSTANTANEOUS,
3.045 AT 01:35 EST ON JUN 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 53 42 N
LONG 76 54 42 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 104.548 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

DUSE RIVER NEAR WESTWOOD - STATION NO. 02HJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.750B	4.80 B	0.443B	5.98	3.21	2.18	3.44	0.557	0.814	0.580	1.45	2.82 B	1
2	0.715B	3.28 B	0.427B	5.30	3.62	2.61	3.21	0.537	1.66	0.589	1.48	2.88 B	2
3	0.695B	2.11 B	0.414B	5.86	5.02	3.10	3.00	0.504	1.37	0.646	1.65	2.53 B	3
4	0.665B	1.49 B	0.405B	7.44	5.13	3.35	2.76	0.773	1.04	0.538	1.64	2.36 B	4
5	0.660B	1.22 B	0.389B	8.38	4.82	3.51	2.50	1.38	0.817	0.506	1.69	2.24 B	5
6	0.805B	1.03 B	0.377B	8.25	4.73	3.02	2.35	0.898	0.634	0.471	1.62	2.14 B	6
7	0.870B	0.960B	0.386B	8.83	5.46	2.82	2.26	0.817	0.576	0.479	1.72	2.04 B	7
8	1.56 B	0.880B	0.356B	7.23	7.78	2.36	2.11	0.704	0.514	0.519	2.28	1.97 B	8
9	1.82 B	0.826B	0.346B	8.10	7.84	2.09	1.94	0.604	0.477	0.515	2.90E	1.92 B	9
10	1.40 B	0.770B	0.336B	6.37	8.53	4.09	1.90	0.544	0.432	0.503	3.46	1.83 B	10
11	1.21 B	0.730B	0.326B	4.78	5.80	5.79	1.81	0.583	0.406	0.540	3.26	1.78 B	11
12	1.11 B	0.690B	0.318B	4.35	6.14	6.78	1.74	0.596	0.388	0.618	3.15	1.66 B	12
13	1.19 B	0.665B	0.313B	4.18	7.86	6.41	1.56	0.488	0.370	0.609	2.80	1.63 B	13
14	1.03 B	0.720B	0.382B	4.00	8.73	5.32	1.48	0.403	0.333	0.588	2.81	1.67 B	14
15	0.936B	0.765B	10.0 B	3.95	8.26	4.51	1.38	0.385	0.367	0.829	4.59	1.80 B	15
16	0.885B	0.890B	16.4 B	3.89	5.49	4.08	1.24	0.392	0.398	1.10	8.19	1.44 B	16
17	0.848B	0.835B	8.75 B	4.02	4.85	4.24	1.14	0.403	0.430	1.22	11.0	1.38 B	17
18	0.810B	0.800B	1.91 B	4.12	4.42	4.45	1.07	0.374	0.418	1.20	9.10	1.33 B	18
19	0.790B	0.675B	1.62 B	4.14	4.12	4.10	1.01	0.353	0.406	1.23	8.87	1.28 B	19
20	0.770B	0.555B	1.43 B	3.85	3.77	4.37	0.980	0.356	0.803	1.54	8.81	1.24 B	20
21	0.690B	0.542B	1.27 B	3.71	3.67	5.30	0.880	0.389	0.448	2.04	7.70B	1.20 B	21
22	0.645B	0.528B	1.14 B	3.61	3.84	6.69	0.858	0.380	0.383	2.06	8.20B	1.16 B	22
23	0.785B	0.520B	1.06 B	3.45	3.21	7.00	0.858	0.414	1.38	1.93	8.00B	1.13 B	23
24	0.750B	0.513B	1.12 B	3.33	2.81	6.29	0.781	0.437	1.51	1.76	4.25B	1.08 B	24
25	0.695B	0.507B	1.50 B	3.07	2.70	6.99	0.764	0.387	1.41	1.85	3.76	1.07 B	25
26	0.740B	0.490B	5.50 B	3.07	2.72	8.26	0.887	0.242	1.16	1.53	3.56B	1.04 B	26
27	0.810B	0.480B	13.7 B	3.00	2.69	7.50	0.702	0.211	0.907	1.42	3.82	1.01 B	27
28	0.675B	0.467B	14.6 B	2.90	2.47	6.05	0.788	0.218	0.898	1.40	4.34	0.980B	28
29	0.920B		16.1 B	2.80	2.36	4.95	0.705	0.223	0.740	1.35	4.10B	0.956B	29
30	1.86 B		14.8	3.14	2.02	4.10	0.692	0.357	0.648	1.23	3.83B	0.928B	30
31	3.00 B		11.4		2.06		0.619	0.428		1.18		0.880B	31
TOTAL	31.238	27.847	127.319	145.17	139.37	143.11	47.411	15 315	22.135	32.370	124.85	48.980	TOTAL
MEAN	1.01	0.995	4.11	4.84	4.50	4.77	1.53	0.494	0.738	1.04	4.17	1.58	MEAN
MAX	3.00	4.80	16.4	8.38	7.78	8.26	3.44	1.38	1.66	2.06	11.0	2.82	MAX
MIN	0.605	0.467	0.313	2.80	2.02	2.09	0.619	0.211	0.333	0.471	1.45	0.928	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.48
MAXIMUM DAILY, 16.4B ON MAR 16
MINIMUM DAILY, 0.211 ON AUG 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 17 50 N
LONG 76 02 50 W
DRAINAGE AREA, 282 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 700	JUL	4 100
FEB	2 410	AUG	1 320
MAR	11 000	SEP	1 910
APR	12 500	OCT	2 800
MAY	12 000	NOV	10 800
JUN	12 400	DEC	4 230

TOTAL DISCHARGE, 78 200 dam³

OXTONGUE RIVER NEAR DWIGHT - STATION NO. 02EB014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.50B	5.90B	3.10B	32.6	21.1	13.3	13.6	0.787	2.84	8.02	3.68	8.20 B	1
2	5.70B	7.20B	2.70B	30.2	20.5	12.9	13.0	0.613	3.33	8.52	3.75	7.70 B	2
3	4.80B	7.10B	2.46B	28.2	21.7	12.5	12.1	0.631	3.26	8.33	3.70	7.20 B	3
4	4.58B	6.40B	3.70B	27.3	22.3	12.5	11.4	0.626	3.06	8.01	3.62	8.70 B	4
5	4.40B	6.00B	3.30B	26.3	22.1	12.0	10.6	0.607	2.89	4.80	3.37	8.20 B	5
6	4.35B	5.80B	2.90B	28.7	23.4	11.5	10.2	0.790	2.81	4.88	3.78	5.70 B	6
7	4.40B	5.60B	2.70B	30.8	24.4	11.0	9.51	0.746	2.73	4.68	4.13	5.20 B	7
8	5.00B	5.40B	2.85B	30.4	24.3	10.6	8.80	0.698	2.84	4.74	3.88	4.70 B	8
9	5.80B	5.20B	3.70B	29.3	24.1	10.3	8.05	0.675	3.89	4.83	3.26	4.30 B	9
10	5.30B	5.10B	5.38B	27.7	27.2	12.3	8.19	0.880	4.23	4.80	2.89	4.00 B	10
11	6.60B	5.10B	11.0 B	26.0	25.9	18.1	7.24	0.855	4.32	4.84	2.70	3.70 B	11
12	7.00B	5.15B	9.20B	24.8	25.4	20.8	6.46	0.850	4.24	4.77	2.58	3.40 B	12
13	7.10B	5.20B	7.61B	23.6	25.1	19.5	5.84	0.874	4.18	4.68	2.47	3.10 B	13
14	7.00B	5.40B	7.20B	22.8	24.5	17.8	4.91	0.663	4.68	4.47	2.44	2.80 B	14
15	6.90B	5.10B	9.00B	22.1	23.5	16.4	3.54	0.858	6.79	4.37	2.85	2.60 B	15
16	6.85B	4.95B	10.5 B	22.0	22.5	15.4	2.82	0.861	7.84	4.48	8.00	2.35 B	16
17	6.80B	4.65B	11.4 B	23.7	21.3	15.1	1.80	0.853	8.30	4.36	18.9	2.15 B	17
18	6.75B	4.75B	12.0 B	26.2	20.3	15.8	1.57	0.827	8.42	4.21	20.8	1.98 B	18
19	6.70B	4.70B	11.2 B	26.1	19.4	15.5	1.39	0.818	8.36	4.07	18.7	1.84 B	19
20	6.60B	4.88B	10.8 B	24.8	17.1	15.2	1.25	0.816	8.37	4.16	14.0	1.71 B	20
21	5.90B	4.84B	10.5 B	28.3	16.0	14.8	1.14	0.880	8.50	4.31	12.7	1.59 B	21
22	6.20B	4.80B	10.0 B	30.5	16.8	15.1	1.07	0.895	12.3	4.27	11.4	1.46 B	22
23	6.00B	4.20B	8.60B	30.2	16.8	17.0	1.03	0.707	13.7	4.15	10.3	1.37 B	23
24	5.70B	3.90B	8.40B	29.2	16.2	18.4	0.976	0.716	13.7	4.00	9.41	1.27 B	24
25	5.10B	3.75B	8.40B	28.8	15.7	18.7	0.946	0.888	13.4	3.84	8.91	1.19 B	25
26	5.60B	3.60B	8.50B	30.4	15.5	18.8	0.918	0.732	13.2	3.70	8.64	1.12 B	26
27	5.60B	3.40B	10.0 B	32.2	15.4	18.0	0.881	1.22	12.8	3.57	8.20	1.06 B	27
28	5.60B	3.25B	12.8 B	28.9	15.1	17.0	0.890	1.81	12.4	3.62	8.15	1.00 B	28
29	5.40B		21.8 B	24.1	14.6	15.8	0.855	2.42	10.6	3.29	8.20B	0.940B	29
30	5.35B		33.5 B	22.1	14.2	14.8	0.838	2.70	7.49	3.18	8.70B	0.880B	30
31	5.40B		34.5 B		13.7		0.828	2.67		3.25		2.00 B	31
TOTAL	180.65	140.90	308.80	827.4	636.0	488.0	152.853	28.288	216.39	136.02	224.94	88.420	TOTAL
MEAN	5.83	5.03	9.80	27.6	20.5	15.3	4.93	0.944	7.21	4.39	7.50	3.21	MEAN
MAX	7.10	7.20	34.5	32.6	28.3	20.8	13.6	2.70	13.7	8.02	20.9	8.20	MAX
MIN	4.35	3.25	2.45	22.0	13.7	10.3	0.828	0.616	2.73	3.18	2.44	0.880	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.34
MAXIMUM DAILY, 34.5B ON MAR 31
MINIMUM DAILY, 0.616 ON AUG 19
MAXIMUM INSTANTANEOUS,
36.4B AT 02:00 EST ON MAR 31

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 18 47 N
LONG 78 58 32 W
DRAINAGE AREA, 801 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	15 600	JUL	13 200
FEB	12 200	AUG	2 630
MAR	26 600	SEP	18 700
APR	71 500	OCT	11 600
MAY	55 000	NOV	19 400
JUN	39 700	DEC	8 690

TOTAL DISCHARGE, 295 000 dam³

PAGWACHUAN RIVER AT HIGHWAY NO. 11 - STATION NO. 04JD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.40B	8.10B	4.10B	4.35B	116 B	33.6	5.52	2.70	3.06	2.31	4.86	6.10B	1
2	8.25B	8.00B	4.00B	4.60B	123 B	31.5	5.26	2.60	2.88	2.58	5.14	5.80B	2
3	8.15B	8.85B	3.80B	4.65B	140 B	38.0	5.07	2.67	2.64	2.96	4.81	5.75B	3
4	8.05B	8.85B	3.65B	4.80B	183	35.7	4.83	3.38	2.37	3.18	4.63	5.60B	4
5	7.95B	8.80B	3.75B	4.85B	194	33.9	4.81	3.62	2.31	3.24	5.67	5.50B	5
6	7.85B	8.75B	3.65B	5.05B	218	31.4	4.40	4.80	2.24	3.53	8.85	5.40B	6
7	7.80B	8.85B	3.55B	5.20B	223	29.2	4.18	5.88	2.13	3.97	7.31	5.25B	7
8	7.80B	8.55B	3.45B	5.35B	217	26.8	3.95	7.57	2.08	4.32	7.73	5.17B	8
9	7.75B	8.60B	3.40B	5.45B	207	25.0	4.37	8.42	2.04	4.40	8.82	5.05B	9
10	7.70B	8.45B	3.35B	5.55B	185	23.4	7.08	8.33	1.95	4.41	12.7	4.97B	10
11	7.65B	8.40B	3.30B	5.85B	181	21.7	7.05	7.80	1.90	4.41	14.4	4.87B	11
12	7.60B	8.35B	3.30B	5.75B	172	19.9	8.35	7.22	1.85	4.46	14.4	4.74B	12
13	7.55B	8.30B	3.30B	5.65B	171	18.2	8.72	6.80	1.90	4.45	13.0 B	4.70B	13
14	7.50B	8.25B	3.30B	5.55B	175	16.5	8.24	6.06	1.79	4.37	11.6 B	4.62B	14
15	7.45B	8.20B	3.30B	6.25B	176	15.0	4.82	5.52	1.84	4.22	10.1 B	4.54B	15
16	7.40B	8.15B	3.30B	7.00B	186	13.7	4.57	5.17	1.76	4.14	8.70B	4.48B	16
17	7.30B	8.10B	3.30B	8.15B	150	12.7	4.28	4.88	1.71	4.04	10.3 B	4.38B	17
18	7.25B	8.05B	3.25B	9.00B	132	11.7	4.75	4.15	1.61	3.94	10.5 B	4.30B	18
19	7.20B	8.00B	3.20B	9.80B	115	10.8	4.87	3.83	1.53	3.81	11.0 B	4.22B	19
20	7.10B	4.90B	3.15B	10.5 B	100	9.91	4.83	3.80	1.62	3.73	8.80B	4.14B	20
21	7.00B	4.79B	3.10B	11.8 B	81.1	9.00	4.82	3.74	1.81	3.76	8.30B	4.06B	21
22	6.95B	4.70B	3.05B	13.4 B	64.0	8.28	4.81	3.46	2.20	3.56	8.70B	4.00B	22
23	6.85B	4.85B	3.00B	15.5 B	78.7	7.78	4.28	3.33	2.61	3.47	8.36B	3.94B	23
24	6.78B	4.55B	2.95B	18.2 B	72.4	7.44	3.85	3.15	2.61	3.48	7.80B	3.88B	24
25	6.85B	4.60B	2.95B	24.1 B	64.8	7.20	3.73	2.98	2.61	3.42	7.65B	3.82B	25
26	6.55B	4.45B	3.05B	38.0 B	83.1	7.00	3.68	2.85	2.62	3.58	7.29B	3.76B	26
27	6.50B	4.35B	3.38B	83.5 B	57.1	7.09	3.74	2.78	2.38	3.61	6.80B	3.69B	27
28	6.40B	4.25B	3.67B	89.0 B	50.6	6.82	3.83	2.71	2.28	3.68	6.65B	3.64B	28
29	6.35B		3.75B	110 B	45.4	6.33	3.37	2.82	2.37	3.67	6.45B	3.58B	29
30	6.25B		3.85B	116 B	41.3	6.89	3.12	2.73	2.37	3.83	6.30B	3.52B	30
31	6.20B		4.15B		37.6		2.88	2.95		4.28		3.45B	31
TOTAL	226.15	145.84	106.57	523.35	4 021.5	526.93	143.14	138.67	65.10	117.05	280.47	141.02	TOTAL
MEAN	7.30	5.20	3.44	20.8	130	17.6	4.62	4.47	2.17	3.78	8.98	4.55	MEAN
MAX	8.40	8.10	4.15	116	223	35.7	7.09	8.42	3.06	4.46	14.4	6.10	MAX
MIN	6.20	4.25	2.95	4.35	37.6	5.89	2.88	2.60	1.53	2.31	4.63	3.45	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.8
MAXIMUM DAILY, 223 ON MAY 7
MINIMUM DAILY, 1.53 ON SEP 18
MAXIMUM INSTANTANEOUS,
226 AT 00:52 EST ON MAY 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 48 00 N
LONG 88 14 00 W
DRAINAGE AREA, 3 020 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	19 500	JUL	12 400
FEB	12 800	AUG	12 000
MAR	9 210	SEP	5 820
APR	53 800	OCT	10 100
MAY	347 000	NOV	22 500
JUN	48 700	DEC	12 200

TOTAL DISCHARGE, 583 000 dam³

PARKHILL CREEK ABOVE PARKHILL RESERVOIR - STATION NO. 02FF008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.836	5.11	0.0829	1.27	0.213	1.03	0.050	0	0	0.040	0.102	1.55	1
2	0.701	3.18	0.0868	0.987	0.198	2.40	0.038	0	0	0.036	0.120	1.37	2
3	0.5108	1.85 B	0.0858	2.13	0.181	1.81	0.032	0	0	0.028	0.138	1.18 B	3
4	0.4188	0.9908	0.0708	4.85	0.172	0.886	0.028	0	0	0.020	0.184	0.8408	4
5	0.3828	0.7228	0.2388	3.47	0.188	0.827	0.026	0	0	0.019	0.171	0.7888	5
6	0.362	0.5408	0.3358	3.28	0.307	0.483	0.022	0	0	0.015	0.247	0.6858	6
7	0.341	0.4108	0.3288	2.54	0.274	0.362	0.018	0	0	0.010	0.381	0.5708	7
8	8.70	0.3228	0.2448	1.77	0.244	0.282	0.008	0	0	0.008	0.782	0.5008	8
9	7.16	0.283	0.2188	1.20	0.223	0.242	0.008	0	0	0.018	0.883	0.4458	9
10	3.02	0.2368	0.3408	0.831	0.200	0.218	0.008	0	0	0.112	0.886	0.4008	10
11	1.80	0.2208	1.13 B	0.689	0.180	0.185	0.003	0	0	1.37	0.419	0.3808	11
12	1.27 B	0.2108	2.85 B	0.864	0.198	0.140	0.001	0	0	0.857	0.333	0.3258	12
13	1.03 B	0.2028	1.35 B	2.43	0.214	0.129	0.001	0	0	0.486	0.272	0.2948	13
14	0.8058	0.2088	1.01 B	4.72	0.193	0.128	0	0	0	0.171	0.886	0.2858	14
15	0.4758	0.2328	5.17	3.00	0.181	0.120	0	0	0	0.100	7.47	0.2708	15
16	0.4058	0.2278	2.82	2.01	0.174	0.110	0	0	0	0.084	14.3	0.2488	16
17	0.3728	0.1808	1.80	1.38	0.183	0.112	0	0	0	0.047	8.37	0.2328	17
18	0.3688	0.1588	8.33	1.47	0.147	0.133	0	0	0	0.040	2.88	0.2188	18
19	0.5188	0.1418	8.42	1.24	0.131	0.111	0	0	0	0.040	1.76	0.2088	19
20	0.4208	0.1488	4.51	0.887	0.152	0.120	0	0	0	0.048	1.73	0.1928	20
21	0.3388	0.1418	2.51	0.778	0.255	0.127	0	0	0	0.044	2.36	0.1808	21
22	0.2858	0.1308	1.88	0.310	0.200	0.118	0	0	0.091	0.049	1.88	0.1708	22
23	0.3088	0.1008	2.06	0.807	0.156	0.099	0	0	1.08	0.048	1.44	0.1628	23
24	0.3788	0.0858	3.73	0.430	0.134	0.383	0	0	1.10	0.059	1.27	0.1558	24
25	0.4888	0.0808	4.71	0.384	0.129	0.287	0	0	0.483	0.088	1.13	0.1528	25
26	2.21 B	0.1008	4.80	0.384	0.245	0.181	0	0	0.235	0.084	1.71	0.1498	26
27	3.48 B	0.0808	3.83	0.318	0.274	0.135	0	0	0.126	0.082	2.38	0.1478	27
28	1.41 B	0.0788	3.34	0.294	0.188	0.110	0	0	0.077	0.082	5.84	0.1488	28
29	2.20 B		4.34	0.283	0.142	0.082	0	0	0.087	0.110	3.35	0.1508	29
30	5.87 B		2.75	0.243	0.188	0.083	0	0	0.082	0.122	2.03	0.1528	30
31	4.82		1.83		0.420		0	0		0.109		0.2708	31
TOTAL	82.371	17.049	89.842	45.714	6.261	10.870	0.739	0	3.281	4.385	82.417	12.850	TOTAL
MEAN	1.88	0.609	2.28	1.52	0.202	0.388	0.008	0	0.110	0.141	2.08	0.415	MEAN
MAX	8.70	5.11	8.42	4.85	0.420	2.40	0.050	0	1.10	1.37	14.3	1.55	MAX
MIN	0.288	0.078	0.088	0.243	0.129	0.083	0	0	0	0.008	0.102	0.147	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.782
MAXIMUM DAILY, 14.3 ON NOV 16
MINIMUM DAILY, 0 ON JUL 14
MAXIMUM INSTANTANEOUS,
16.9 AT 06:19 EST ON NOV 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 08 48 N
LONG 81 37 54 W
DRAINAGE AREA, 110 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 520	JUL	20.5
FEB	1 470	AUG	0
MAR	8 040	SEP	284
APR	3 950	OCT	378
MAY	540	NOV	5 390
JUN	948	DEC	1 110

TOTAL DISCHARGE, 24 700 dam³

PARKS CREEK NEAR LATTA - STATION NO. 02HL008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8208	3.46 B	0.6708	7.31	2.78	1.78	0.756	0.152	0.188	0.135	0.383	2.28	1
2	0.7808	3.10 B	0.5508	8.72	2.97	2.13	0.716	0.144	0.340	0.181	0.443	2.20 B	2
3	0.7108	2.80 B	0.5368	8.80	3.45	2.26	0.680	0.147	0.284	0.247	0.450	2.15 B	3
4	0.8768	2.15 B	0.5258	8.31	3.36	2.18	0.590	0.283	0.225	0.211	0.447	2.10 B	4
5	0.8388	1.77 B	0.5288	8.87	3.20	1.89	0.552	0.882	0.180	0.183	0.424	2.02 B	5
6	0.8058	1.60 B	0.5088	8.88	3.33	1.72	0.518	0.574	0.137	0.195	0.484	1.98 B	6
7	0.5808	1.37 B	0.4608	8.27	3.92	1.54	0.484	0.465	0.132	0.187	0.559	1.91 B	7
8	1.10 B	1.27 B	0.4858	7.44	5.00	1.40	0.506	0.439	0.121	0.171	0.747	1.88 B	8
9	1.85 B	1.20 B	0.4608	6.50	5.11	1.37	0.502	0.378	0.126	0.157	0.888	1.80 B	9
10	1.78 B	1.18 B	0.4388	5.77	4.74	2.36	0.430	0.285	0.129	0.188	0.890	1.72 B	10
11	1.30 B	1.13 B	0.4278	5.24	4.57	2.28	0.388	0.212	0.118	0.188	0.886	1.60 B	11
12	1.07 B	1.08 B	0.4208	4.81	4.88	1.88	0.364	0.188	0.103	0.215	0.898	1.50 B	12
13	0.9808	1.10 B	0.4208	4.52	5.40	1.58	0.328	0.181	0.104	0.222	0.816	1.32 B	13
14	0.8208	1.14 B	0.7008	4.31	5.18	1.44	0.294	0.178	0.106	0.188	1.02	1.27 B	14
15	0.8408	0.9808	3.50 B	4.20	4.70	1.35	0.298	0.162	0.127	0.228	2.24	1.17 B	15
16	0.8008	0.9008	5.27 B	4.15	4.28	1.33	0.288	0.154	0.143	0.285	3.19	1.10 B	16
17	0.7708	0.8808	3.80 B	4.01	3.93	1.58	0.294	0.141	0.181	0.320	3.44	1.00 B	17
18	0.7558	0.8308	2.38 B	4.06	3.63	1.83	0.258	0.134	0.182	0.328	3.12	0.9208	18
19	0.7608	0.8008	2.05 B	3.87	3.41	1.48	0.188	0.120	0.142	0.331	2.88	0.8708	19
20	0.6308	0.7808	1.68 B	3.88	3.16	1.77	0.173	0.128	0.124	0.550	3.34	0.8008	20
21	0.8158	0.7758	1.46 B	3.48	3.00	2.22	0.171	0.130	0.122	0.827	3.72	0.7358	21
22	0.8008	0.7708	1.41 B	3.47	2.77	2.29	0.165	0.135	0.122	0.750	2.82	0.7008	22
23	0.5858	0.7408	1.41 B	3.28	2.48	1.98	0.179	0.126	0.312	0.580	3.03	0.8858	23
24	0.5758	0.6808	1.35 B	3.08	2.33	1.72	0.165	0.118	0.321	0.507	2.71	0.8358	24
25	0.5708	0.6408	1.67	2.88	2.18	1.86	0.152	0.101	0.280	0.477	2.36	0.8008	25
26	0.9808	0.6158	3.67	2.78	2.17	1.80	0.143	0.108	0.201	0.445	2.31	0.5808	26
27	1.40 B	0.5958	5.88 B	2.73	2.20	1.27	0.140	0.100	0.188	0.384	2.32	0.5658	27
28	1.35 B	0.5808	9.29 B	2.63	2.02	1.17	0.152	0.097	0.173	0.384	2.88	0.5558	28
29	1.22 B		10.7 B	2.58	1.78	0.988	0.155	0.101	0.172	0.379	2.32	0.5458	29
30	2.88 B		9.58	2.74	1.69	0.844	0.152	0.148	0.187	0.364	2.48	0.5358	30
31	3.44 B		8.87		1.78		0.174	0.135		0.387		0.5458	31
TOTAL	32.400	34.895	80.877	147.98	108.38	80.780	10.384	5.433	5.112	10.187	84.488	38.210	TOTAL
MEAN	1.05	1.24	2.61	4.93	3.40	1.69	0.334	0.208	0.170	0.328	1.82	1.23	MEAN
MAX	3.44	3.46	10.7	8.87	5.40	2.35	0.758	0.882	0.340	0.827	3.72	2.28	MAX
MIN	0.570	0.580	0.420	2.58	1.69	0.844	0.140	0.097	0.103	0.138	0.393	0.535	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.58
MAXIMUM DAILY, 10.78 ON MAR 28
MINIMUM DAILY, 0.097 ON AUG 28
MAXIMUM INSTANTANEOUS,
10.9 AT 20:48 EST ON MAR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 17 07 N
LONG 77 18 25 W
DRAINAGE AREA, 205 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 800	JUL	885
FEB	2 890	AUG	856
MAR	5 950	SEP	442
APR	12 800	OCT	874
MAY	9 100	NOV	4 710
JUN	4 380	DEC	3 300

TOTAL DISCHARGE, 48 900 dam³

PATTERSON CREEK NEAR SIMCOE - STATION NO. 02GC012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.775	0.787	0.482	0.884	0.888	0.547	0.446	0.247	0.288	0.301	0.385	0.800	1
2	0.748	0.778	0.467	0.804	0.880	0.888	0.433	0.248	0.308	0.303	0.388	0.883	2
3	0.728	0.700	0.476	1.02	0.880	0.795	0.422	0.255	0.273	0.294	0.385	0.888	3
4	0.872	0.853	0.477	1.26	0.887	0.724	0.480	0.274	0.288	0.279	0.384	0.835	4
5	0.886	0.829	0.818	1.19	0.855	0.886	0.438	0.313	0.288	0.273	0.386	0.838	5
6	0.885	0.826	0.830	1.08	0.881	0.820	0.427	0.287	0.280	0.278	0.378	0.844	6
7	0.884	0.832	0.818	1.01	0.871	0.888	0.408	0.287	0.272	0.288	0.388	0.822	7
8	0.806	0.808	0.812	0.938	0.713	0.882	0.384	0.283	0.264	0.270	0.400	0.480	8
9	0.887	0.878	0.807	0.886	0.877	0.852	0.382	0.288	0.248	0.277	0.448	0.483	9
10	0.742	0.888	0.804	0.877	0.884	0.882	0.383	0.288	0.247	0.330	0.480	0.488	10
11	0.892	0.876	0.812	0.881	0.888	0.838	0.343	0.248	0.252	0.387	0.484	0.485	11
12	0.704	0.885	0.848	0.828	0.883	0.826	0.318	0.218	0.237	0.333	0.475	0.484	12
13	0.703	0.882	0.823	0.831	0.888	0.851	0.297	0.218	0.238	0.304	0.488	0.477	13
14	0.853	0.815	0.843	0.830	0.888	0.843	0.286	0.208	0.255	0.285	0.483	0.488	14
15	0.887	0.884	0.877	0.870	0.874	0.838	0.275	0.220	0.278	0.286	0.893	0.4388	15
16	0.888	0.887	0.807	0.878	0.830	0.853	0.288	0.243	0.270	0.281	0.784	0.4308	16
17	0.828	0.880	0.886	0.884	0.815	0.840	0.274	0.248	0.313	0.280	0.828	0.4288	17
18	0.828	0.830	0.832	0.841	0.808	0.828	0.248	0.248	0.288	0.281	0.718	0.4208	18
19	0.824	0.849	0.821	0.812	0.885	0.805	0.248	0.241	0.258	0.288	0.884	0.4188	19
20	0.840	0.844	0.721	0.848	0.804	0.812	0.251	0.281	0.257	0.358	0.732	0.4108	20
21	0.836	0.838	0.727	0.807	0.818	0.808	0.382	0.303	0.253	0.403	0.805	0.4088	21
22	0.812	0.881	0.886	0.788	0.811	0.809	0.348	0.281	0.432	0.427	0.718	0.4008	22
23	0.886	0.832	0.886	0.758	0.805	0.838	0.324	0.282	0.887	0.442	0.845	0.3988	23
24	0.812	0.804	0.721	0.730	0.800	0.874	0.310	0.288	0.402	0.414	0.826	0.3968	24
25	0.886	0.488	0.748	0.718	0.884	0.840	0.285	0.280	0.384	0.388	0.888	0.388	25
26	0.837	0.815	0.781	0.724	0.811	0.810	0.285	0.285	0.345	0.385	0.803	0.381	26
27	0.781	0.478	0.801	0.717	0.888	0.484	0.304	0.233	0.328	0.390	0.811	0.384	27
28	0.742	0.482	0.828	0.882	0.888	0.480	0.288	0.228	0.318	0.384	0.878	0.401	28
29	0.888		1.08	0.887	0.885	0.458	0.243	0.255	0.307	0.378	0.882	0.388	29
30	0.718		1.02	0.882	0.882	0.445	0.227	0.248	0.300	0.388	0.831	0.414	30
31	0.748		1.02		0.847		0.242	0.225		0.388		0.488	31
TOTAL	21.882	16.482	31.008	28.152	18.813	17.248	10.300	7.831	8.032	10.310	16.882	14.241	TOTAL
MEAN	0.886	0.888	0.878	0.872	0.833	0.575	0.332	0.258	0.301	0.333	0.888	0.488	MEAN
MAX	0.806	0.778	1.08	1.28	0.713	0.886	0.480	0.313	0.887	0.442	0.828	0.800	MAX
MIN	0.888	0.478	0.478	0.882	0.847	0.448	0.227	0.208	0.237	0.288	0.384	0.388	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.522
MAXIMUM DAILY, 1.28 ON APR 4
MINIMUM DAILY, 0.208 ON AUG 16
MAXIMUM INSTANTANEOUS,
1.41 AT 15:00 EST ON APR 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 51 13 N
LONG 80 19 41 W
DRAINAGE AREA, 51.3 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 880	JUL	880
FEB	1 420	AUG	885
MAR	1 810	SEP	780
APR	2 280	OCT	891
MAY	1 880	NOV	1 440
JUN	1 480	DEC	1 230

TOTAL DISCHARGE, 16 400 dam³

PAYNE RIVER NEAR BERWICK - STATION NO. 02LB022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1088	5.30 B	0.0438	2.86	1.07	0.434	0.188	0.028	0.013	0.014	0.150	0.8368	1
2	0.0858	1.81 B	0.0428	4.08	1.55	0.458	0.148	0.040	0.021	0.017	0.188	0.8858	2
3	0.0808	0.5888	0.0388	5.19	8.04	0.673	0.128	0.077	0.018	0.018	0.202	0.8018	3
4	0.0888	0.3788	0.0368	10.3	4.78	0.885	0.105	0.105	0.013	0.017	0.188	0.4528	4
5	0.0478	0.2838	0.033	10.8	2.86	0.747	0.108	0.328	0.013	0.015	0.185	0.4008	5
6	0.0458	0.2508	0.042	8.80	8.82	0.532	0.083	0.283	0.012	0.020	0.222	0.3488	6
7	0.0488	0.2188	0.0358A	4.27	7.88	0.403	0.077	0.178	0.013	0.019	0.408	0.3178	7
8	0.3608	0.1708	0.034	2.88	5.23	0.318	0.070	0.147	0.013	0.021	0.803	0.2808	8
9	1.18 B	0.1508	0.030	2.22	3.27	0.287	0.084	0.110	0.014	0.019	0.828	0.2808	9
10	0.8088	0.1228	0.028	1.83	2.20	1.31	0.123	0.083	0.013	0.015	1.21	0.2428	10
11	0.2808	0.1108	0.032	1.41	1.78	4.58	0.202	0.085	0.014	0.015	0.904	0.2258	11
12	0.1388	0.1038	0.032	1.20	4.00	1.63	0.158	0.068	0.014	0.018	0.703	0.2088	12
13	0.1208	0.0828	0.030	1.20	8.88	1.01	0.104	0.081	0.017	0.020	0.818	0.1858	13
14	0.1108	0.1118	0.0498	1.32	10.4	0.852	0.078	0.068	0.018	0.018	1.15	0.1888	14
15	0.1038	0.1248	8.58 B	1.38	9.42	0.521	0.068	0.044	0.027	0.018	8.11	0.1408	15
16	0.0978	0.1158	16.5 B	1.83	3.78	0.457	0.064	0.038	0.031	0.028	8.80	0.1388	16
17	0.0808	0.1088	3.01 B	1.81	3.33	18.0	0.047	0.035	0.030	0.040	11.8	0.1258	17
18	0.0808	0.1038	1.35 B	4.83	1.61	13.8	0.044	0.033	0.030	0.038	4.84	0.1188	18
19	0.0758	0.1018	0.8388	3.47	1.25	8.43	0.038	0.018	0.023	0.044	3.34	0.1078	19
20	0.0728	0.0988	0.5428	2.31	0.880	3.10	0.031	0.028	0.023	0.248	3.41	0.1008	20
21	0.0708	0.0908	0.3638	1.83	0.814	2.08	0.031	0.035	0.028	0.854	9.58	0.0908	21
22	0.0858	0.1488	0.3598	1.57	0.782	1.38	0.029	0.034	0.018	0.513	3.88 B	0.0828	22
23	0.0608	0.1208	0.3158	1.27	0.760	0.948	0.024	0.032	0.027	0.353	1.84 B	0.0718	23
24	0.0538	0.0928	0.288	1.12	0.858	0.888	0.023	0.031	0.031	0.278	1.27 B	0.0858	24
25	0.0538	0.0788	0.3858	0.988	0.882	0.834	0.018	0.028	0.021	0.221	1.17 B	0.0588	25
26	0.0518	0.0628	13.4 B	0.837	0.850	0.431	0.015	0.018	0.028	0.182	1.04 B	0.0588	26
27	0.0508	0.0538	35.0 B	0.888	0.881	0.384	0.038	0.018	0.028	0.158	1.10 B	0.0508	27
28	0.0488	0.0488	18.8 B	0.845	0.834	0.281	0.068	0.013	0.018	0.153	0.8528	0.0508	28
29	0.0488		10.2 B	0.818	0.448	0.214	0.053	0.014	0.018	0.144	0.8408	0.0488	29
30	0.0478		8.18	0.802	0.385	0.188	0.058	0.014	0.013	0.124	0.7408	0.0488	30
31	0.0488		4.71		0.418		0.041	0.008		0.118		0.0488	31
TOTAL	4.408	12.113	108.287	88.584	89.671	61.287	2.284	2.035	0.598	3.884	71.892	8.188	TOTAL
MEAN	0.142	0.433	3.52	2.88	2.80	2.04	0.074	0.066	0.020	0.115	2.38	0.188	MEAN
MAX	1.18	5.30	25.0	10.8	10.4	18.0	0.202	0.328	0.031	0.854	11.8	0.835	MAX
MIN	0.048	0.048	0.039	0.818	0.388	0.188	0.018	0.008	0.012	0.014	0.188	0.048	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.23
MAXIMUM DAILY, 25.0B ON MAR 27
MINIMUM DAILY, 0.008 ON AUG 31
MAXIMUM INSTANTANEOUS,
27.9 AT 17:32 EST ON JUN 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 11 30 N
LONG 75 08 30 W
DRAINAGE AREA, 182 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	381	JUL	198
FEB	1 080	AUG	178
MAR	9 440	SEP	51.8
APR	7 480	OCT	307
MAY	7 780	NOV	6 180
JUN	5 300	DEC	633

TOTAL DISCHARGE, 38 800 dam³

PEPPERLAW BROOK NEAR UDORA - STATION NO. 02EC018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.058	5.95 B	0.8158	5.00	3.86	2.84	1.22	0.880	1.92	1.31	2.85	3.01 B	1
2	1.938	5.40 B	0.8008	3.86	3.86	3.19	1.21	0.825	3.76	1.36	3.17	2.82 B	2
3	1.828	4.25 B	0.7858	3.65	5.37	3.43	1.18	1.12	4.05	1.37	2.68	2.25 B	3
4	1.728	3.47 B	0.7758	5.05	5.84	3.46	1.12	1.42	3.10	1.38	2.46	1.84 B	4
5	1.648	3.85 B	0.7858	6.05	5.53	3.13	1.08	2.98	2.32	1.37	2.31	1.73 B	5
6	1.598	2.38 B	0.7508	5.86	5.00	2.85	1.02	4.46	1.81	1.38	2.28	1.58 B	6
7	1.788	2.07 B	0.7408	5.13	7.03	2.25	0.973	5.27	1.58	1.43	2.82	1.44 B	7
8	1.898	1.72 B	0.7358	4.37	8.02	2.07	0.883	4.04	1.69	1.83	3.15	1.35 B	8
9	2.228	1.84 B	0.7308	3.75	7.46	2.31	0.903	2.59	1.91	1.47	3.61	1.27 B	9
10	2.528	1.41 B	0.7208	3.28	8.18	2.74	0.827	1.90	1.88	1.47	3.74	1.20 B	10
11	2.248	1.28 B	0.7108	2.84	4.88	2.87	0.788	1.52	1.75	1.88	3.48	1.15 B	11
12	2.058	1.15 B	0.7058	2.77	5.21	2.48	0.760	1.45	1.68	2.10	2.86	1.10 B	12
13	1.908	1.22 B	0.7008	3.08	6.83	2.10	0.725	1.78	1.43	2.03	2.63	1.04 B	13
14	1.828	1.26 B	1.28 B	3.81	9.88	1.85	0.718	1.83	1.34	1.94	2.55	0.9858	14
15	1.778	1.15 B	5.80 B	3.83	7.85	1.76	0.852	1.84	1.28	2.50	3.88	0.9618	15
16	1.738	1.06 B	11.1 B	3.87	6.18	1.77	0.787	1.38	1.18	3.52	5.22	0.9408	16
17	1.718	1.04 B	13.9 B	3.77	4.04	1.87	0.787	1.28	1.18	3.50	4.18	0.8208	17
18	1.748	0.9858	8.35 B	3.73	3.46	2.13	0.783	1.17	1.23	3.13	3.23	0.8958	18
19	1.788	0.9458	5.80 B	3.80	3.10	2.18	0.782	1.08	1.17	2.81	3.02	0.8708	19
20	1.898	0.9808	5.15 B	3.27	2.91	3.37	0.788	1.01	1.07	2.70	4.28	0.8508	20
21	1.848	1.04 B	3.87 B	3.04	3.11	6.21	0.784	1.04	1.07	3.08	4.408	0.8258	21
22	1.588	1.00 B	3.41 B	2.85	3.18	7.18	0.828	1.07	1.08	3.33	5.008	0.8058	22
23	1.498	0.9808	3.48 B	2.75	2.88	5.57	1.30	1.08	2.05	3.08	4.188	0.7908	23
24	1.458	0.9238	3.55 B	2.58	2.58	5.34	0.858	1.01	2.19	2.84	3.388	0.7708	24
25	1.428	0.9068	4.95 B	2.57	2.38	3.78	0.742	0.948	2.06	2.22	2.82	0.7608	25
26	1.448	0.8858	10.0 B	2.88	2.37	2.75	0.884	0.922	1.87	1.88	2.58	0.7388	26
27	1.838	0.8708	16.2 B	2.73	2.28	2.24	0.880	0.828	1.72	1.84	2.85	0.7208	27
28	1.948	0.8508	17.4 B	2.78	2.10	1.89	0.754	0.835	1.42	1.78	3.50	0.7008	28
29	2.488		15.9 B	2.72	1.88	1.63	0.798	0.832	1.30	1.88	3.808	0.8908	29
30	3.078		13.5	3.16	1.81	1.50	0.783	0.824	1.34	1.85	3.428	0.8758	30
31	4.458		7.88		2.24		0.734	1.01		1.88		0.7208	31
TOTAL	60.25	50.813	162.980	108.88	142.26	88.67	28.831	49.885	53.30	84.85	108.63	38.271	TOTAL
MEAN	1.84	1.81	5.26	3.62	4.59	2.88	0.889	1.81	1.78	2.10	3.85	1.17	MEAN
MAX	4.45	5.95	17.4	5.05	9.88	7.18	1.30	5.27	4.05	3.52	8.23	3.01	MAX
MIN	1.42	0.850	0.700	2.58	1.81	1.50	0.852	0.880	1.07	1.31	2.28	0.878	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.81
MAXIMUM DAILY, 17.48 ON MAR 28
MINIMUM DAILY, 0.852 ON JUL 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 16 04 N
LONG 79 11 42 W
DRAINAGE AREA, 332 km²

B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 210	JUL	2 330
FEB	4 370	AUG	4 310
MAR	14 100	SEP	4 610
APR	9 380	OCT	5 810
MAY	12 300	NOV	9 210
JUN	7 750	DEC	3 130

TOTAL DISCHARGE, 82 300 dam³

REMARKS - PRIOR TO 1987, DATA CONTRIBUTED BY ONT. MINISTRY OF THE ENVIRONMENT AS STA. NO. 02EC103

PERCH LAKE OUTLET NEAR CHALK RIVER - STATION NO. 02KA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.015	0.015	0.010	0.105	0.081	0.044	0.023	0	0	0.001	0.041	0.048	1
2	0.017	0.014	0.010	0.109	0.086	0.043	0.020	0	0	0.001	0.042	0.048	2
3	0.016	0.014	0.010	0.110	0.084	0.047	0.018	0	0	0.001	0.040	0.045	3
4	0.015	0.014	0.013	0.125	0.088	0.053	0.018	0	0	0.001	0.038	0.042	4
5	0.014	0.012	0.014	0.142	0.085	0.050	0.018	0	0	0.001	0.034	0.038	5
6	0.013	0.012	0.013	0.163	0.104	0.048	0.014	0.001	0	0.001	0.036	0.037	6
7	0.013	0.012	0.012	0.182	0.141	0.041	0.010	0.001	0	0.001	0.035	0.036	7
8	0.019	0.013	0.011	0.188	0.204	0.038	0.008	0	0	0.001	0.035	0.034	8
9	0.019	0.012	0.011	0.201	0.248	0.044	0.008	0	0	0.001	0.043	0.031	9
10	0.018	0.012	0.010	0.189	0.240	0.089	0.015	0	0	0.001	0.048	0.031	10
11	0.018	0.012	0.010	0.187	0.381	0.100	0.012	0	0	0.002	0.048	0.030	11
12	0.017	0.011	0.010	0.177	0.328	0.080	0.011	0	0	0.003	0.042	0.028	12
13	0.017	0.012	0.010	0.178	0.272	0.072	0.008	0	0	0.003	0.044	0.027	13
14	0.017	0.012	0.011	0.180	0.222	0.084	0.008	0	0	0.003	0.050	0.026	14
15	0.018	0.012	0.021	0.201	0.187	0.059	0.005	0	0	0.003	0.059	0.024	15
16	0.015	0.011	0.023	0.209	0.158	0.054	0.003	0	0	0.008	0.109	0.023	16
17	0.016	0.011	0.024	0.212	0.132	0.062	0.003	0	0	0.010	0.111	0.022	17
18	0.018	0.011	0.026	0.203	0.108	0.062	0.002	0	0	0.010	0.102	0.020	18
19	0.021	0.010	0.025	0.185	0.090	0.057	0.002	0	0	0.010	0.085	0.020	19
20	0.022	0.010	0.028	0.167	0.081	0.053	0.001	0	0	0.030	0.088	0.020	20
21	0.021	0.012	0.028	0.151	0.094	0.048	0.001	0	0	0.042	0.078	0.020	21
22	0.019	0.012	0.025	0.131	0.088	0.044	0.001	0	0	0.050	0.067	0.019	22
23	0.018	0.012	0.024	0.114	0.079	0.041	0.001	0	0.001	0.052	0.058	0.018	23
24	0.016	0.012	0.023	0.098	0.071	0.045	0	0	0.001	0.050	0.052	0.017	24
25	0.016	0.011	0.027	0.091	0.068	0.052	0	0	0.001	0.047	0.048	0.018	25
26	0.018	0.011	0.030	0.082	0.067	0.048	0	0	0.001	0.043	0.042	0.021	26
27	0.017	0.011	0.034	0.074	0.058	0.043	0.001	0	0.001	0.040	0.047	0.020	27
28	0.018	0.010	0.047	0.065	0.051	0.038	0	0	0.001	0.037	0.058	0.020	28
29	0.015		0.057	0.064	0.048	0.030	0	0	0.001	0.035	0.058	0.020	29
30	0.015		0.092	0.080	0.042	0.028	0	0	0.001	0.032	0.051	0.019	30
31	0.016		0.107		0.041		0	0		0.037		0.023	31
TOTAL	0.523	0.333	0.802	4.354	3.952	1.581	0.203	0.002	0.008	0.557	1.898	0.842	TOTAL
MEAN	0.017	0.012	0.026	0.145	0.128	0.053	0.007	0	0	0.018	0.057	0.027	MEAN
MAX	0.022	0.015	0.107	0.212	0.381	0.100	0.023	0.001	0.001	0.052	0.111	0.048	MAX
MIN	0.013	0.010	0.010	0.080	0.041	0.028	0	0	0	0.001	0.034	0.017	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.041
MAXIMUM DAILY, 0.381 ON MAY 11
MINIMUM DAILY, 0 ON JUL 24
MAXIMUM INSTANTANEOUS,
0.427 AT 08:31 EST ON MAY 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 02 08 N
LONG 77 22 15 W
DRAINAGE AREA, 7.30 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	45.2	JUL	17.5
FEB	28.8	AUG	0.17
MAR	69.3	SEP	0.68
APR	376	OCT	48.1
MAY	342	NOV	147
JUN	137	DEC	72.7

TOTAL DISCHARGE, 1 280 dam³

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE.

PETAWAWA RIVER NEAR PETAWAWA - STATION NO. 02KB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	32.7	28.7	20.7	84.8	89.1	83.6	51.8	15.3	7.27	5.90	10.0	38.1	1
2	31.8	26.4	20.3	70.3	88.4	80.1	50.1	14.8	7.80	5.61	10.1	38.0	2
3	31.8	25.9	20.0	76.1	84.1	80.1	50.1	14.3	7.80	5.78	10.8	38.0	3
4	30.8	25.8	20.1	81.1	101	77.4	47.8	14.3	7.80	5.78	10.8	38.0	4
5	29.8	26.0	20.0	86.0	105	75.6	45.8	13.8	7.17	5.48	10.8	34.4	5
6	28.1	24.7	19.7	86.5	110	73.6	43.9	13.4	6.82	5.07	11.0	33.8	6
7	28.4	24.8	19.6	108	120	71.7	43.1	12.8	6.67	5.31	11.8	34.6	7
8	28.7	24.8	19.4	111	127	68.8	41.2	12.3	6.93	5.00	11.8	34.7	8
9	30.8	24.5	19.1	113	132	66.7	38.9	11.6	6.49	4.84	11.8	33.3	9
10	30.9	24.1	19.1	113	132	62.2	37.0	11.4	6.48	4.88	12.2	31.8	10
11	30.4	23.6	19.3	113	159	58.1	44.8	11.0	6.27	4.58	13.4	31.1	11
12	30.1	23.2	19.4	110	159	55.6	44.2	10.8	6.11	4.88	14.3	30.5	12
13	29.4	23.2	19.4	109	161	54.2	41.5	10.3	5.83	4.78	14.5	29.5	13
14	29.4	23.2	19.1	108	162	53.4	38.7	9.61	5.67	4.85	15.5	28.5	14
15	29.3	23.2	20.7	108	159	54.0	36.7	9.52	5.72	4.89	18.4	27.7	15
16	28.7	23.4	21.7	108	155	52.7	33.2	9.30	5.67	4.70	18.7	27.0	16
17	29.6	22.8	22.3	108	148	52.6	31.0	9.18	5.55	4.79	21.5	26.6	17
18	28.8	22.0	23.4	108	142	52.5	28.1	9.32	5.47	4.82	24.6	25.9	18
19	28.8	21.6	23.4	108	138	51.7	27.3	9.38	5.46	5.07	27.1	25.4	19
20	29.2	21.4	24.4	107	127	50.7	26.4	9.38	5.28	5.66	29.7	25.6	20
21	28.9	22.1	24.4	108	122	58.5	23.7	9.48	5.17	6.78	32.7	25.4	21
22	28.2	22.0	24.5	108	117	53.0	22.2	9.32	5.82	7.42	33.8	24.4	22
23	28.4	22.0	24.6	103	114	58.7	20.6	9.09	7.71	7.88	36.1	23.4	23
24	28.8	22.0	24.2	101	112	57.8	19.6	8.58	7.33	8.18	37.0	22.8	24
25	28.1	21.2	24.8	98.8	109	57.1	18.6	8.27	6.82	8.45	36.8	22.1	25
26	27.6	21.3	26.2	96.6	107	56.0	17.3	7.90	6.84	8.85	36.6	22.6	26
27	26.9	20.9	26.0	94.5	104	55.8	16.9	7.69	6.48	9.07	35.4	22.5	27
28	26.6	20.7	31.6	92.4	100	55.5	17.6	7.48	6.28	9.13	36.8	22.5	28
29	26.2		42.1	90.8	98.1	54.0	18.7	7.33	6.20	9.18	36.2	21.6	29
30	26.6		50.6	89.8	91.3	52.9	18.1	7.11	6.04	9.08	36.6	21.4	30
31	26.7		58.4		86.6		18.7	6.81		9.20		21.6	31
TOTAL	902.6	852.3	770.4	2 983.6	3 822.8	1 929.7	986.3	317.98	190.86	194.11	686.8	887.1	TOTAL
MEAN	29.1	23.3	24.8	99.5	123	64.3	32.1	10.3	6.37	6.26	22.2	28.0	MEAN
MAX	32.7	28.7	58.4	113	162	83.6	51.8	15.3	7.80	9.20	37.0	38.1	MAX
MIN	26.2	20.7	19.1	84.6	86.6	52.9	18.7	6.81	5.17	4.81	10.0	21.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 39.2
MAXIMUM DAILY, 162 ON MAY 14
MINIMUM DAILY, 4.81 ON OCT 10
MAXIMUM INSTANTANEOUS,
163 AT 21:19 EST ON MAY 13

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 53 17 N
LONG 77 18 30 W
DRAINAGE AREA, 4 120 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	78 000	JUL	86 100
FEB	66 400	AUG	27 500
MAR	66 500	SEP	16 500
APR	258 000	OCT	16 800
MAY	330 000	NOV	57 500
JUN	167 000	DEC	76 900

TOTAL DISCHARGE, 1 240 000 dam³

PIC RIVER NEAR MARATHON - STATION NO. 02BB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.8	18.88	13.48	10.28	240E	61.0E	25.1E	10.8	8.20E	8.83	9.00E	12.4 B	1
2	42.8	18.78	13.28	10.28	235E	61.5E	24.0E	10.8	8.00E	7.18	9.80E	12.2 B	2
3	26.38	18.68	13.08	10.28	250E	75.8E	22.2E	10.4	7.80E	7.81	10.7 E	12.0 B	3
4	26.08	18.38	12.88	10.18	280E	73.0E	21.0E	11.1	7.40E	8.38	10.8 E	11.8 B	4
5	25.88	18.18	12.78	10.18	315E	68.0E	19.8E	11.4	7.00E	8.82	10.8 E	11.8 B	5
6	25.68	17.98	12.68	10.18	335E	63.0E	18.9	11.6	6.95E	9.71	15.0 E	11.4 B	6
7	25.38	17.78	12.48	10.18	345E	62.5E	18.1	12.4	7.05E	10.0	21.5 E	11.3 B	7
8	25.18	17.48	12.38	10.18	337E	66.5E	17.1	15.7	7.00E	9.88	28.0 E	11.2 B	8
9	24.88	17.28	12.18	10.18	328E	62.0E	17.8	16.2	6.95E	10.2	28.7 E	11.1 B	9
10	24.78	17.08	11.98	10.28	318E	57.8E	19.5	15.3	6.85E	10.2	27.8 E	11.0 B	10
11	24.58	18.88	11.88	10.28	312	54.6E	22.5	15.8	6.70E	10.1	26.0 E	10.9 B	11
12	24.38	18.78	11.78	10.28	311	52.2E	22.0	15.0	6.50E	9.80E	24.8 E	10.8 B	12
13	24.18	18.68	11.58	10.28	321	49.0E	20.8	14.6	6.35E	9.80E	23.6 E	10.7 B	13
14	23.88	18.38	11.48	10.38	336	46.0E	19.8	13.7	6.20E	9.70E	22.0 E	10.7 B	14
15	23.68	18.08	11.28	10.48	335E	43.6E	18.1	12.9	6.05E	9.80E	20.7 E	10.6 B	15
16	23.18	18.88	11.08	11.18	300E	41.6E	17.1	12.8	6.00E	9.30E	19.7 E	10.6 B	16
17	22.88	18.68	10.98	12.08	265E	39.5E	16.2	12.5	6.65E	9.20E	18.6 E	10.5 B	17
18	22.78	18.48	10.88	13.28	238E	36.0E	15.5	12.3 E	6.85E	9.10E	18.0 E	10.4 B	18
19	22.38	18.38	10.78	15.48	218E	36.3E	14.7	11.7 E	6.80E	9.00E	17.2 E	10.4 B	19
20	22.08	18.08	10.78	18.08	204E	34.0E	14.1	11.0 E	6.80E	8.90E	16.4 B	10.3 B	20
21	21.88	14.88	10.68	21.28	219E	32.5E	13.8	10.4 E	6.40E	8.85E	15.8 B	10.2 B	21
22	21.58	14.78	10.58	26.78	200E	31.0E	13.4	10.6 E	6.95E	8.80E	15.2 B	10.2 B	22
23	21.28	14.68	10.58	31.28	183E	30.0E	12.9	10.7 E	7.00	8.75E	14.6 B	10.1 B	23
24	20.88	14.38	10.58	42.58	170E	30.8E	12.4	10.5 E	6.90E	8.70E	14.5 B	10.0 B	24
25	20.78	14.18	10.48	82.8	158E	29.7E	12.3	10.3 E	6.70E	8.85E	14.1 B	9.88B	25
26	20.38	13.88	10.48	101	187E	28.4E	12.0	10.0 E	6.55E	8.60E	13.7 B	9.68B	26
27	20.18	13.68	10.38	148 E	161E	27.5E	12.0	9.80E	6.40E	8.80E	13.3 B	9.60B	27
28	19.88	13.88	10.38	174 E	133E	26.3E	11.7	9.20E	6.25E	8.65E	12.8 B	9.70B	28
29	19.78		10.28	212 E	116E	25.6E	11.2	8.70E	6.27E	8.85E	12.6 B	9.88B	29
30	19.58		10.28	241 E	108E	24.2E	11.0	8.53E	6.38E	8.60E	12.7 B	9.80B	30
31	19.28		10.28		100E		10.7	8.35E		8.85E		9.68B	31
TOTAL	731.6	462.8	382.3	1 278.8	7 530	1 416.6	517.6	386.78	189.60	278.88	520.60	330.60	TOTAL
MEAN	23.6	16.2	11.4	42.7	243	47.3	16.7	11.8	6.86	8.00	17.4	10.7	MEAN
MAX	42.8	18.8	13.4	241	345	91.0	25.1	16.2	8.20	10.2	28.7	12.4	MAX
MIN	19.2	13.8	10.2	10.1	100	24.2	10.7	8.35	5.80	8.83	9.00	9.68	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 38.3
MAXIMUM DAILY, 345E ON MAY 7
MINIMUM DAILY, 5.80E ON SEP 19

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 46 26 N
LONG 86 17 49 W
DRAINAGE AREA, 4 270 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	83 200	JUL	44 700
FEB	39 100	AUG	31 800
MAR	30 400	SEP	17 200
APR	111 000	OCT	24 100
MAY	661 000	NOV	46 000
JUN	123 000	DEC	28 800

TOTAL DISCHARGE, 1 210 000 dam³

PIGEON RIVER AT MIDDLE FALLS - STATION NO. 02AA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.0 E	8.21E	5.88E	7.83E	71.4	43.8	18.1	7.08	8.28	3.23	2.38	1.56 E	1
2	11.0 E	7.83E	5.68E	8.38E	86.8	40.6	18.8	8.04	8.46	3.26	2.36	1.50 E	2
3	11.0 E	7.83E	5.38E	8.76E	86.8	38.2	15.6	7.45	8.27	3.11	2.46	1.44 E	3
4	11.0 E	7.83E	5.38E	10.6 E	70.8	36.6	14.6	7.22	8.13	2.97	2.56	1.38 E	4
5	11.0 E	7.85E	5.38E	13.0 E	88.1	34.6	13.8	8.81	18.1	3.17	2.56	1.32 E	5
6	11.0 E	7.85E	5.38E	15.6 E	86.4	32.8	13.0	6.80	13.5	3.37	2.56	1.30 E	6
7	10.6 E	7.85E	5.38E	18.4 E	77.0	31.1	12.3	8.31	11.0	3.31	2.89	1.27 E	7
8	10.6 E	7.38E	5.10E	18.4 E	71.4	30.0	11.7	6.00	9.20	3.31	3.48	1.25 E	8
9	10.6 E	7.38E	5.10E	18.1 E	88.3	37.1	11.0	8.72	7.87	3.23	4.38	1.22 E	9
10	10.5 E	7.38E	5.10E	18.8 E	82.0	38.2	10.8	8.47	8.88	3.08	4.86	1.18 E	10
11	10.5 E	7.08E	5.10E	16.3 E	58.3	32.6	10.1	5.35	8.43	3.00	4.42	1.10 E	11
12	10.5 E	7.08E	5.10E	15.0 E	88.2	31.1	9.51	5.04	8.14	3.17	4.06	1.08 E	12
13	10.2 E	7.08E	5.10E	15.0 E	52.7	31.5	8.86	4.76	8.76	3.00	3.88E	1.06 E	13
14	10.2 E	6.80E	5.10E	15.3 E	50.7	78.8	8.75	4.69	8.61	2.88	3.88E	1.02 E	14
15	10.2 E	6.80E	5.10E	16.1 E	48.0	81.4	8.81	4.60	8.07	2.80	3.40E	0.863E	15
16	10.2 E	6.80E	4.81E	17.0 E	47.0	48.8	9.48	4.42	4.82	2.72	2.41E	0.834E	16
17	9.81E	6.51E	4.81E	16.4 E	44.5	43.0	9.80	4.28	4.38	2.88	2.32E	0.808E	17
18	9.81E	6.51E	4.81E	22.1 E	41.8	37.8	9.17	4.06	4.13	2.46	2.81E	0.808E	18
19	9.81E	6.51E	4.81E	28.3 E	40.5	34.8	8.75	3.89	4.05	2.38	2.72E	0.808E	19
20	9.63E	6.23E	4.81E	34.0 E	52.1	32.0	8.41	4.42	4.25	2.28	2.72E	0.850E	20
21	9.63E	6.23E	4.81E	38.2 E	59.2	29.2	8.01	4.70	4.50	2.38	2.65E	0.850E	21
22	9.34E	6.23E	4.81E	42.5 E	51.8	26.8	7.62	5.32	4.87	2.32	2.35E	0.850E	22
23	9.34E	5.95E	4.81E	53.8 E	47.0	27.1	7.31	5.75	5.01	2.21	2.21E	0.850E	23
24	9.08E	5.95E	4.86E	60.9 E	44.2	28.8	8.88	5.88	4.87	2.12	2.07E	0.850E	24
25	9.08E	5.95E	5.10E	73.8	84.4	28.0	8.88	5.13	4.82	2.10	1.95E	0.850E	25
26	8.78E	5.88E	5.52E	81.0 E	51.8	27.5	8.88	4.76	4.18	2.01	1.90E	0.878E	26
27	8.78E	5.88E	5.23E	87.8	47.6	27.1	7.25	4.82	3.82	1.90	1.81E	0.878E	27
28	8.78E	5.88E	5.80E	88.9	47.8	25.8	7.62	4.63	3.71	1.87	1.73E	0.878E	28
29	8.50E		7.38E	88.4	48.4	23.5	7.78	5.32	3.43	2.01	1.87E	0.908E	29
30	8.50E		7.65E	77.0	49.8	21.8	7.38	6.28	3.31	2.27	1.81E	0.908E	30
31	8.21E		7.78E		47.3		7.02	6.37		2.28		0.908E	31
TOTAL	308.04	181.72	188.91	1 013.88	1 766.3	1 120.5	308.04	171.14	181.95	82.78	82.19	32.737	TOTAL
MEAN	9.84	6.85	5.45	33.8	57.0	37.4	9.87	5.52	6.07	2.67	2.74	1.06	MEAN
MAX	11.0	8.21	7.78	88.9	88.4	81.5	18.1	8.04	18.1	3.37	4.86	1.56	MAX
MIN	8.21	5.88	4.81	7.83	40.5	21.8	6.88	3.89	3.31	1.87	1.81	0.850	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.9
MAXIMUM DAILY, 81.5 ON JUN 13
MINIMUM DAILY, 0.850E ON DEC 20

SUMMARY FOR THE YEAR 1989

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 00 44 N
LONG 89 38 58 W
DRAINAGE AREA, 1 550 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	26 600	JUL	26 700
FEB	16 800	AUG	14 800
MAR	16 800	SEP	15 700
APR	87 600	OCT	7 150
MAY	153 000	NOV	7 100
JUN	98 800	DEC	2 830

TOTAL DISCHARGE, 469 000 dam³

PINE RIVER AT LURGAN - STATION NO. 02FD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.55 B	5.38 A	0.1208	3.83	0.228	0.432	0.088	0	0	0	0.001	1.98 A	1
2	1.28 B	3.27 A	0.1168	2.80	0.205	0.387	0.088	0	0	0	0.001	1.20 B	2
3	1.15 B	1.82 B	0.1108	2.86	0.189	0.337	0.048	0	0	0	0.001	0.8008	3
4	1.08 B	1.37 B	0.1088	4.04	0.188	0.305	0.031	0 A	0	0	0.002	0.5908	4
5	1.03 B	1.03 B	0.1308	3.88	0.180	0.263	0.018	0 A	0	0	0.002	0.4608	5
6	0.8808	0.8508	0.1828	3.08	0.237	0.221	0.011	0.002	0	0	0.003	0.3728	6
7	0.8458	0.7358	0.2128	3.38	0.190	0.174	0.010	0.001	0	0	0.004	0.3278	7
8	8.98	0.6558	0.1858	2.88	0.200	0.139	0.008	0.001	0	0	0.004	0.2848	8
9	8.47	0.5758	0.1808	2.21	0.203	0.122	0.008	0	0	0	0.005	0.2538	9
10	7.82	0.5008	0.3408	1.91	0.178	0.118	0.008	0	0	0	0.008	0.2288	10
11	7.84	0.4858	1.80 B	1.81	0.148	0.087	0.005	0	0	0	0.006	0.2118	11
12	8.71	0.4188	8.20 B	2.88	0.178	0.087	0.005	0	0	0	0.006	0.1908	12
13	3.40 B	0.3788	4.85 B	3.43	0.385	0.088	0.004	0	0	0	0.006	0.1708	13
14	1.84 B	0.3458	3.75 B	3.82	0.414	0.043	0.003	0	0	0	0.006	0.1588	14
15	1.15 B	0.3108	14.4 B	3.74	0.326	0.038	0.003	0	0	0	0.023	0.1408	15
16	0.8008	0.2908	5.25 B	2.74	0.288	0.085	0.003	0	0	0	0.183	0.1308	16
17	0.6958	0.2708	2.02 B	2.02	0.219	0.406	0.002	0	0	0	0.178	0.1208	17
18	0.6458	0.2508	1.51 B	1.84	0.177	1.27	0.002	0	0	0	0.150	0.1108	18
19	0.8008	0.2388	1.18 B	1.57	0.188	0.884	0.002	0	0	0	0.158	0.1008	19
20	0.5858	0.2228	1.05 B	1.38	0.189	0.842	0.002	0	0	0	0.183	0.0918	20
21	0.5358	0.2088	0.9208	1.07	0.880	0.884	0.001	0	0	0.005	0.502A	0.0828	21
22	0.5108	0.1838	0.8508	0.873	0.883	0.522	0.001	0	0	0.005	0.608A	0.0748	22
23	0.4858	0.1608	0.7208	0.479	0.905	0.301	0.001	0	0	0.004	0.327A	0.0678	23
24	0.6108	0.1708	1.14 B	0.625	0.327	1.17	0.001	0	0	0.003	0.211A	0.0588	24
25	0.8908	0.1608	7.25 B	0.842	0.274	0.800	0.001	0	0	0.002	0.188	0.0508	25
26	1.68	0.1488	12.8 B	0.458	1.01	0.511	0.001	0	0	0.002	0.188	0.0408	26
27	2.58	0.1388	16.8	0.380	1.84	0.338	0	0	0	0.001	0.477A	0.0338	27
28	1.37 A	0.1278	23.8	0.330	0.942	0.238	0	0	0	0.001	9.30 A	0.0288	28
29	1.50 A		25.7	0.300	0.837	0.188	0	0	0	0.001	5.22 A	0.0218	29
30	4.73 A		8.88	0.284	0.488	0.123	0	0	0	0.001	2.87 A	0.0188	30
31	8.02 A		5.48		0.488		0	0		0.001		0.2208	31
TOTAL	77.110	20.758	148.180	51.882	12.017	11.840	0.333	0.004	0	0.027	21.808	8.578	TOTAL
MEAN	2.48	0.741	4.81	2.08	0.388	0.395	0.011	0	0	0.001	0.720	0.277	MEAN
MAX	8.98	5.38	25.7	4.04	1.84	1.27	0.088	0.002	0	0.008	8.30	1.98	MAX
MIN	0.485	0.127	0.108	0.284	0.148	0.038	0	0	0	0	0.001	0.018	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.888
MAXIMUM DAILY, 25.7 ON MAR 29
MINIMUM DAILY, 0 ON JUL 27
MAXIMUM INSTANTANEOUS,
48.8 AT 22:20 EST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 05 40 N
LONG 81 43 31 W
DRAINAGE AREA, 184 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 650	JUL	28.8
FEB	1 780	AUG	0.38
MAR	12 800	SEP	0
APR	5 330	OCT	2.33
MAY	1 040	NOV	1 870
JUN	1 020	DEC	741

TOTAL DISCHARGE, 31 400 dam³

PINE RIVER NEAR EVERETT - STATION NO. 02ED014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.408	2.40 B	0.9808	3.88	1.83	1.78	1.37	0.800E	1.15 A	0.720E	1.05 E	1.888	1
2	2.108	2.05 B	0.9848	3.47	2.01	1.88	1.33	0.780E	1.14	0.880E	1.00 E	1.888	2
3	1.908	1.90 B	0.9828	3.85	2.09	1.88	1.28	0.820E	1.05 A	0.870E	0.980E	1.788	3
4	1.758	1.80 B	0.9518	4.58	2.09	1.72	1.28	1.05 E	0.820E	0.880E	0.900E	1.728	4
5	1.628	1.70 B	1.04 B	4.42	1.88	1.68	1.28	1.20	0.820E	0.850E	1.02 E	1.688	5
6	1.808	1.80 B	0.9588	4.88	2.18	1.48	1.22	1.08 A	0.740E	0.850E	1.12 A	1.628	6
7	1.848	1.83 B	0.9388	4.40	2.08	1.38	1.18	1.00 E	0.700E	0.840E	1.18	1.598	7
8	1.808	1.48 B	0.9088	3.54	2.59	1.58	1.09	0.800E	0.780E	0.840E	1.28	1.538	8
9	3.108	1.42 B	0.8948	2.98	2.34	1.85	1.09	0.870E	1.06 A	0.840E	1.34	1.478	9
10	2.108	1.38 B	0.8828	2.80	2.00	1.78	1.05	0.840E	1.08	1.01 A	1.27	1.388	10
11	1.908	1.34 B	0.8708	2.88	1.98	1.88	1.01 A	0.820E	0.800E	1.28	1.20	1.348	11
12	1.708	1.32 B	0.8648	2.87	4.85	1.37	0.880E	0.810E	0.870E	1.12	1.18	1.318	12
13	1.808	1.38 B	0.8588	3.18	5.20	1.28	0.870E	1.20 A	0.840E	1.05 A	1.11	1.288	13
14	1.628	1.52 B	1.73 B	2.97	3.18	1.28	0.850E	2.12	0.830E	1.08 A	1.10	1.248	14
15	1.478	1.74 B	4.91 B	2.88	2.90	1.28	0.820E	1.28	0.820E	1.88	1.84	1.228	15
16	1.438	1.53 B	7.04 B	2.70	2.58	1.43	0.800E	1.14	0.820E	2.17	3.44	1.208	16
17	1.418	1.40 B	2.81 B	2.58	2.18	1.48	0.880E	1.04 A	0.840E	1.48	2.18	1.178	17
18	1.408	1.32 B	2.17 B	2.88	1.84	1.33	0.880E	0.820E	0.840E	1.43	1.88	1.188	18
19	1.388	1.28 B	2.08 B	2.57	1.82	1.30	0.840E	0.880E	0.880E	1.30	1.81	1.148	19
20	1.418	1.21 B	2.38 B	2.38	2.05	3.44	0.820E	0 800E	0.780E	1.82	1.88	1.138	20
21	1.478	1.17 B	2.27 B	2.27	2.32	2.88	0.800E	0.780E	0.800E	1 53	1.85	1.128	21
22	1.448	1.13 B	2.18 B	2.19	2.04	4.21	0.780E	0.780E	1.50 A	1.38	1.85 B	1.118	22
23	1.428	1.08 B	2.08 B	2.07	1.87	3.74	0.780E	0.700E	2.31	1 18	1.70 B	1.108	23
24	1.408	1.03 B	2.00 B	2.05	1.72	2.30	0.770E	0.680E	1.35	1.08	1.53 B	1.088	24
25	1.398	1.02 B	4.83	2.08	1.84	2.37	0.780E	0.880E	1.12	1.11	1.42 B	1.088	25
26	1.388	1.01 B	9.85	2.18	2.27	1.88	0.750E	0.840E	1.08 A	1.08	1.35	1.078	26
27	1.408	1.00 B	14.2	2.08	2.13	1.87	0.780E	0.630E	0.820E	0.880E	1.43	1.068	27
28	1.458	0.9988	21.1	1.95	1.95	1.81	0.840E	0.620E	0.840E	0.780E	5.25 E	1.058	28
29	1.828		15.3	2.01	1.88	1.48	0.800E	0.640E	0.780E	0.900E	3.59 B	1.058	29
30	2.808		5.85	1.88	1.84	1.42	0.830E	0.880E	0.750E	1.00 E	2.17 B	1.078	30
31	3.308		4.81		1.78		0.840E	0.730E		0.880E		1.818	31
TOTAL	64.22	39.736	120.105	88.81	70.83	55.29	28.880	27.900	28.110	32.700	50.090	41.21	TOTAL
MEAN	1.78	1.42	3 87	2.88	2.28	1.84	0.967	0.900	0.937	1.05	1 67	1.33	MEAN
MAX	3.30	2.40	21 1	4.88	5.20	4.21	1.37	2.12	2.31	2.17	5.25	1.88	MAX
MIN	1.38	0.998	0.858	1.88	1.84	1.38	0.750	0.620	0.620	0.840	0.900	1.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.74
MAXIMUM DAILY, 21.1 ON MAR 28
MINIMUM DAILY, 0.620E ON AUG 26
MAXIMUM INSTANTANEOUS
25.7 AT 08:30 EST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 11 58 N
LONG 78 57 36 W
DRAINAGE AREA, 198 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 880	JUL	2 880
FEB	3 430	AUG	2 410
MAR	10 400	SEP	2 430
APR	7 500	OCT	2 820
MAY	8 100	NOV	4 330
JUN	4 780	DEC	3 880

TOTAL DISCHARGE, 55 000 dam³

PINEIMUTA RIVER AT EYES LAKE - STATION NO. 04FA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.6 B	9.058	8.458	5.398	8.408	132 E	84.7	18.3	43.2	35.8	21.2	12.3 B	1
2	21.0 B	8.808	8.368	5.378	10.2 B	131 E	84.8	18.1	47.8	33.8	21.0	12.1 B	2
3	20.2 B	8.758	8.308	5.358	11.1 B	128 A	83.8	18.4	48.8	33.8	20.4	11.9 B	3
4	19.7 B	8.608	8.258	5.328	12.2 B	124	82.5	18.2	50.7	35.8	19.4	11.7 B	4
5	19.1 B	8.458	8.208	5.308	13.4 B	119	80.2	22.7	51.8	37.4	18.2	11.5 B	5
6	18.3 B	8.308	8.158	5.298	14.7 B	110	81.7	33.8	85.4	37.8	18.1	11.4 B	6
7	17.7 B	8.208	8.108	5.288	16.1 B	104	82.3	44.2	84.1	38.5	18.5	11.2 B	7
8	17.3 B	8.108	8.058	5.278	17.8 B	88.1	72.8	51.0	68.8	42.3	18.2	11.0 B	8
9	18.8 B	7.958	8.028	5.268	19.4 B	82.1	76.8	53.4	74.8	42.3	18.2	11.0 B	9
10	18.1 B	7.858	8.008	5.268	22.2 B	85.3	78.1	53.5	77.8	44.1	18.0	10.8 B	10
11	18.4 B	7.758	8.978	5.248	24.8 B	79.4	73.7	52.3	78.8	44.7	18.1	10.7 B	11
12	18.0 B	7.858	5.948	5.238	26.5 B	73.8	88.8	48.4	78.8	48.4	18.2	10.6 B	12
13	14.8 B	7.558	5.908	5.228	31.7 B	87.1	84.8	47.8	78.4	44.1	17.88	10.4 B	13
14	14.1 B	7.458	5.858	5.218	38.8 B	82.0	88.8	46.8	78.8	42.8	17.28	10.3 B	14
15	13.5 B	7.358	5.808	5.208	42.0 B	87.4	84.0	46.0	73.8	42.7	16.98	10.2 B	15
16	13.3 B	7.308	5.788	5.208	50.5 E	83.2	49.0	45.2	88.8	41.8	16.48	10.1 B	16
17	12.8 B	7.208	5.758	5.188	60.0 E	48.2	44.3	44.8	81.7	39.8	16.18	9.858	16
18	12.4 B	7.108	5.738	5.188	71.5 E	46.1	40.0	43.1	88.4	37.7	15.88	9.858	17
19	12.1 B	7.058	5.688	5.188	85.5 E	41.8	38.3	41.8	83.8	38.0	15.48	9.708	18
20	11.7 B	7.008	5.658	5.228	100 E	39.8	34.1	39.8	48.8	36.1	15.28	9.808	19
21	11.4 B	6.958	5.628	5.308	110 E	38.1	31.7	38.8	48.3	33.8	14.88	9.808	20
22	11.2 B	6.858	5.598	5.488	118 E	35.2	29.3	37.8	40.8	31.7	14.88	9.358	21
23	10.8 B	6.808	5.558	5.648	119 E	32.7	27.1	35.8	37.8	31.2	14.48	9.288	22
24	10.5 B	6.758	5.518	5.908	123 E	31.3	24.8	34.0	37.8	30.2	14.18	9.158	23
25	10.3 B	6.708	5.508	6.158	128 E	31.1	23.7	32.1	35.7	29.3	13.88	9.058	24
26	10.1 B	6.808	5.488	6.508	130 E	32.4	22.4	30.1	35.3	28.4	13.68	8.988	25
27	9.858	6.558	5.478	6.958	132 E	34.8	20.4	28.0	38.8	27.7	13.38	8.888	26
28	9.708	6.508	5.468	7.558	133 E	40.1	18.7	27.5	38.8	28.8	13.18	8.788	27
29	9.658		5.448	8.058	133 E	47.7	18.8	28.1	38.8	28.2	12.88	8.658	28
30	9.408		5.428	8.858	133 E	52.8	17.8	28.7	38.8	28.8	12.78	8.508	29
31	9.288		5.408		132 E		18.3	38.8		24.3	12.88	8.508	30
										22.8		8.408	31
TOTAL	434.85	211.28	180.37	171.30	2 084.30	2 087.2	1 383.8	1 138.8	1 828.0	1 088.0	491.8	312.40	TOTAL
MEAN	14.0	7.54	5.82	5.71	88.8	88.9	44.8	38.8	84.3	35.1	16.4	10.1	MEAN
MAX	21.8	9.05	8.45	8.85	133	132	78.8	53.8	78.8	48.4	21.2	12.3	MAX
MIN	9.28	6.80	5.40	5.18	8.40	31.1	18.3	18.1	35.3	22.8	12.8	8.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.8
MAXIMUM DAILY, 133E ON MAY 28
MINIMUM DAILY, 5.188 ON APR 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 18 30 N
LONG 88 48 15 W
DRAINAGE AREA, 4 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	37 800	JUL	120 000
FEB	18 300	AUG	88 100
MAR	15 800	SEP	141 000
APR	14 800	OCT	94 000
MAY	178 000	NOV	42 800
JUN	178 000	DEC	27 000

TOTAL DISCHARGE, 868 000 dam³

PINEWOOD RIVER NEAR PINEWOOD - STATION NO. 05PC011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1018	0.7158	12.6	2.84	16.3	0.388	0.857	0.102	---	---	1
2	---	---	0.1018	1.11 B	11.0	2.33	13.7	0.320	0.448	0.102	---	---	2
3	---	---	0.1018	1.58 B	9.77	2.08	15.1	1.69	0.388	0.102	---	---	3
4	---	---	0.1018	2.40 B	9.08	1.88	12.8	8.12 A	0.384	0.102	---	---	4
5	---	---	0.1018	3.14 B	11.1	1.37	14.8	11.7 E	0.334	0.122	---	---	5
6	---	---	0.1018	4.61 B	11.3	1.22	62.0	9.62 E	0.308	0.148	---	---	6
7	---	---	0.1018	5.27 B	11.2	1.26	88.7	7.78 E	0.282	0.117	---	---	7
8	---	---	0.1018	5.78 B	10.3	3.28	83.0	6.09 A	0.251	0.085	---	---	8
9	---	---	0.1018	6.08 B	9.27	4.85	34.7	4.32 A	0.234	0.088	---	---	9
10	---	---	0.1018	6.41 B	8.30	3.89	19.8	3.28 A	0.207	0.084	---	---	10
11	---	---	0.1018	6.82 B	7.42	3.27	13.6	2.46 A	0.188	0.039	---	---	11
12	---	---	0.1018	6.80 B	8.81	3.32	11.4	2.11 E	0.178	0.050	---	---	12
13	---	---	0.1018	7.01 B	8.08	6.67	11.8	1.80 E	0.187	0.025	---	---	13
14	---	---	0.1018	7.12 B	8.81	10.2	10.0	1.50 A	0.188	0.018	---	---	14
15	---	---	0.1018	7.20 B	8.12	12.2	8.23	1.21 A	0.148	0.023	---	---	15
16	---	---	0.1018	7.57 B	4.23	10.8	8.58	1.11 A	0.138	0.030	---	---	16
17	---	---	0.1018	8.26 B	4.08A	7.48	8.34	0.888A	0.133	0.028	---	---	17
18	---	---	0.1018	12.3 B	2.81A	5.40	5.05	0.758A	0.128	0.029	---	---	18
19	---	---	0.1018	15.8 B	4.85E	4.54	3.93	0.888E	0.128	0.036	---	---	19
20	---	---	0.1018	20.2	7.23E	3.33	3.11	0.817E	0.121	0.039	---	---	20
21	---	---	0.1018	19.3	5.68E	3.19	2.49	0.567A	0.117	0.039	---	---	21
22	---	---	0.1018	21.4	5.28E	10.2	2.05	0.648	0.113	0.084	---	---	22
23	---	---	0.1018	25.0	4.95A	11.3	1.72	0.574A	0.111	0.088	---	---	23
24	---	---	0.1018	28.0	4.72	13.1	1.52	0.487A	0.108	0.081	---	---	24
25	---	---	0.1048	28.3	5.48	14.2	1.55	0.387	0.107	0.088	---	---	25
26	---	---	0.1158	24.5	5.81	18.5	1.11	0.331	0.105	0.077	---	---	26
27	---	---	0.1488	21.6	5.88	22.4	0.830	0.323	0.105	0.108	---	---	27
28	---	---	0.1858	18.6	4.81	20.4	0.588	0.337	0.104	0.183	---	---	28
29	---		0.2538	16.9	4.26	17.5	0.431	0.345	0.104	0.181A	---	---	29
30	---		0.3408	14.5	3.85	18.4	0.407	0.544	0.104	0.181A		---	30
31	---		0.4988		3.15		0.378	0.715		0.181A		---	31
TOTAL	---	---	4.082	357.385	211.68	242.22	415.112	71.511	5.929	2.482	---	---	TOTAL
MEAN	---	---	0.131	11.9	6.82	8.07	13.4	2.31	0.198	0.080	---	---	MEAN
MAX	---	---	0.488	28.0	12.6	22.4	88.7	11.7	0.857	0.181	---	---	MAX
MIN	---	---	0.101	0.715	2.81	1.22	0.378	0.320	0.104	0.018	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.38
MAXIMUM DAILY, 88.7 ON JUL 7
MINIMUM DAILY, 0.018 ON OCT 14
MAXIMUM INSTANTANEOUS,
74.8 AT 21:25 CST ON JUL 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 48 10 N
LONG 94 14 00 W
DRAINAGE AREA, 481 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	35 800
FEB	---	AUG	6 180
MAR	351	SEP	512
APR	30 900	OCT	214
MAY	18 300	NOV	---
JUN	20 900	DEC	---

TOTAL DISCHARGE, 113 000 dam³

PIPESTONE RIVER ABOVE RAINY LAKE - STATION NO. 05PB015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.35	1.55 B	0.9108	2.43	23.8	5.58	---	---	---	---	1.28	1.08 B	1
2	2.368	1.52 B	0.8988	2.58	21.1	5.28	---	---	---	---	1.27	1.05 B	2
3	2.378	1.47 B	0.8988	3.10	18.5	5.01	---	---	---	---	1.21	1.02 B	3
4	2.388	1.43 B	0.8948	3.87	18.2	4.57	---	---	---	---	1.21	0.9988	4
5	2.388	1.38 B	0.8948	4.81	14.2	4.33	---	---	---	---	1.33	0.8718	5
6	2.408	1.36 B	0.8948	5.88	12.6	4.13	---	---	---	---	1.35	0.9508	6
7	2.418	1.32 B	0.8948	6.47	12.1	3.97	---	---	---	---	1.38	0.9288	7
8	2.418	1.28 B	0.8948	6.83	11.3	3.83	---	---	---	---	1.64	0.9088	8
9	2.408	1.26 B	0.8948	6.70	10.8	3.87	---	---	---	---	1.88	0.8948	9
10	2.408	1.23 B	0.8948	6.82	9.72	3.44	---	---	---	---	2.09	0.8748	10
11	2.388	1.20 B	0.8888	6.88	8.88	3.19	---	---	---	---	2.14	0.8588	11
12	2.368	1.18 B	0.8828	6.78	8.33	3.21	6.85A	---	---	---	2.118	0.8448	12
13	2.378	1.15 B	0.9108	6.88	7.88	6.83	6.44	---	---	---	2.038	0.8268	13
14	2.368	1.13 B	0.9158	7.28	7.08	9.82	5.97	---	---	---	1.958	0.8148	14
15	2.368	1.11 B	0.9208	8.82	11.1	6.81	5.81	---	---	---	1.888	0.8028	15
16	2.348	1.08 B	0.9318	10.9	8.17	12.2	5.55	---	---	---	1.828	0.7908	16
17	2.328	1.07 B	0.9428	14.3	5.72	12.3	---	---	---	2.81A	1.758	0.7788	17
18	2.318	1.05 B	0.9528	18.4	5.27	11.8	---	---	---	2.38	1.698	0.7688	18
19	2.288	1.04 B	0.8888	18.1	4.98	10.4	---	---	---	2.22	1.638	0.7548	19
20	2.268	1.02 B	0.9848	19.8	4.74	9.21	---	---	---	2.10	1.588	0.7488	20
21	2.228	1.00 B	1.00 B	21.7	4.44	8.58	---	---	---	2.01	1.518	0.7368	21
22	2.188	0.9888	1.03 B	25.3	4.20	11.2	---	---	---	1.91	1.488	0.7248	22
23	2.148	0.9788	1.05 B	27.7	3.82	10.5	---	---	---	1.83	1.408	0.7188	23
24	2.108	0.9688	1.08 B	28.6	3.67	9.81	---	---	---	1.75	1.388	0.7088	24
25	2.048	0.9578	1.11 B	30.0	5.68	9.65	---	---	---	1.89	1.318	0.7008	25
26	1.988	0.9478	1.24 B	30.7	7.03	11.7	---	---	---	1.85	1.278	0.6958	26
27	1.888	0.9388	1.56	30.3	8.87	12.4 A	---	---	---	1.58	1.238	0.6908	27
28	1.818	0.9268	2.43	30.0	8.41	17.8 E	---	---	---	1.44	1.188	0.6808	28
29	1.748		2.37	28.8	8.87	20.7 E	---	---	---	1.37	1.158	0.6758	29
30	1.888		2.27	28.5	8.38	23.1 E	---	---	---	1.35	1.118	0.6708	30
31	1.828		2.38		8.08		---	---		1.31		0.6688	31
TOTAL	68.62	32.582	36.812	444.18	277.32	269.22	---	---	---	---	46.32	25.312	TOTAL
MEAN	2.21	1.16	1.18	14.8	8.95	8.97	---	---	---	---	1.54	0.817	MEAN
MAX	2.41	1.56	2.43	30.7	23.8	23.1	---	---	---	---	2.14	1.08	MAX
MIN	1.62	0.926	0.894	2.43	3.87	3.15	---	---	---	---	1.11	0.688	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 30.7 ON APR 26
MINIMUM DAILY, 0.8688 ON DEC 31
MAXIMUM INSTANTANEOUS,
32.5 AT 07:42 CST ON APR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 34 07 N
LONG 92 31 27 W
DRAINAGE AREA, 443 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 930	JUL	---
FEB	2 820	AUG	---
MAR	3 080	SEP	---
APR	38 400	OCT	---
MAY	24 000	NOV	4 000
JUN	23 300	DEC	2 180

PIPESTONE RIVER AT KARL LAKE - STATION NO. 04DA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.2B	15.5B	9.95B	8.19	15.5	182	67.5	36.1	18.3	27.9	20.9	15.0B	1
2	21.0B	15.3B	9.85B	8.05	19.3	176	69.5	34.8	18.8	27.4	20.3	14.9B	2
3	20.8B	15.2B	9.75B	7.96	25.4	168	74.4	35.3	18.0	26.9	19.5	14.7B	3
4	20.5B	15.0B	9.65B	7.87	32.6	160	75.3	35.4	18.2	26.9	19.1	14.6B	4
5	20.2B	14.8B	9.60B	7.99	42.1	162	76.5	36.4	20.1	27.1	19.1	14.3B	5
6	20.0B	14.7B	9.55B	7.82	51.6	144	80.4	35.5	21.6	27.1	19.2	14.2B	6
7	19.9B	14.4B	9.45B	7.82	70.7	135	82.0	34.4	24.6	28.2	19.2	14.1B	7
8	19.7B	14.3B	9.35B	7.86	86.9	127	81.7	34.4	27.9	28.2	19.1	14.0B	8
9	19.5B	14.1B	9.25B	7.83	101	120	80.8	33.4	31.4	28.1	19.4	13.9B	9
10	19.3B	13.9B	9.20B	7.45	114	114	79.8	32.0	34.0	27.9	19.6	13.8B	10
11	19.0B	13.7B	9.11	7.02	128	108	79.6	30.7	35.5	27.2	18.6	13.8B	11
12	18.8B	13.4B	9.27	6.76	137	101	79.1	29.7	35.9	27.0	18.5	13.5B	12
13	18.6B	13.2B	9.49	6.82	145	94.0	77.7	29.2	35.9	27.7	18.5	13.3B	13
14	18.4B	12.9B	9.61	6.41	150	90.0	75.3	28.5	37.7	27.5	18.5	13.2B	14
15	18.2B	12.6B	9.71	6.94	154	88.1	72.7	26.9	38.4	26.5	18.1	13.1B	15
16	18.1B	12.3B	9.77	6.73	156	84.2	70.1	26.1	38.3	25.5	18.6	12.9B	16
17	17.9B	12.1B	10.1	7.06	155	80.5	69.2	25.9	38.4	25.0	17.7	12.8B	17
18	17.8B	11.8B	9.89	6.95	152	77.5	67.6	25.8	37.3	24.6	17.1	12.7B	18
19	17.6B	11.6B	9.93	6.54	150	75.3	63.1	25.5	36.4	24.6	17.0	12.5B	19
20	17.4B	11.4B	9.65	6.14	144	72.2	59.2	25.3	35.9	24.9	17.0	12.4B	20
21	17.2B	11.3B	9.48	6.21	142	70.2	55.3	24.9	35.7	25.1	16.8B	12.3B	21
22	17.0B	11.1B	9.00	6.57	140	69.1	51.5	24.4	34.3	24.4	16.7B	12.2B	22
23	16.9B	10.8B	8.80	7.13	140	67.6	49.6	24.4	32.9	23.8	16.4B	12.1B	23
24	16.8B	10.7B	8.64	7.86	140	66.0	48.9	23.7	32.3E	23.6	16.3B	12.0B	24
25	16.7B	10.6B	8.24	8.05	145	63.3	51.0	23.1	31.7E	23.4	16.1B	11.9B	25
26	16.5B	10.4B	8.14	10.3	162	63.3	49.9	23.2	31.2E	23.1	15.6B	11.8B	26
27	16.3B	10.3B	8.18	10.9	174	63.7	46.8	22.7	30.8E	22.8	15.7B	11.7B	27
28	16.2B	10.2B	8.49	11.4	180	65.1	43.5	23.0	30.0E	22.0	15.5B	11.6B	28
29	16.0B		8.63	12.4	184	66.5	40.8	22.2	29.6	22.0	15.3B	11.5B	29
30	15.8B		8.69	13.5	187	67.3	38.6	21.1	29.3	22.1	15.2B	11.4B	30
31	15.7B		8.51		185		36.9	20.2		21.8		11.3B	31
TOTAL	565.0	357.6	285.84	240.67	3 806.5	3 010.9	1 993.9	873.0	921.6	790.3	539.6	403.4	TOTAL
MEAN	18.2	12.8	9.26	8.03	123	100	64.3	28.2	30.7	25.5	18.0	13.0	MEAN
MAX	21.2	15.5	10.1	13.5	187	182	82.0	36.1	38.4	28.2	20.9	15.0	MAX
MIN	15.7	10.2	8.14	6.14	15.5	63.3	36.9	20.2	18.0	21.8	15.2	11.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 37.6
MAXIMUM DAILY, 187 ON MAY 30
MINIMUM DAILY, 6.14 ON APR 20
MAXIMUM INSTANTANEOUS,
188 AT 17:30 EST ON MAY 30

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 34 50 N
LONG 90 11 20 W
DRAINAGE AREA, 9 990 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	48 800	JUL	172 000
FEB	30 900	AUG	75 400
MAR	24 600	SEP	79 600
APR	20 800	OCT	68 300
MAY	329 000	NOV	46 600
JUN	260 000	DEC	34 900

TOTAL DISCHARGE, 1 190 000 dam³

PORCUPINE RIVER AT HOYLE - STATION NO. 04MD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.73B	1.15 B	0.960B	1.78B	38.0E	10.4	2.33	1.14	2.17	1.63	5.94	3.20B	1
2	1.69B	1.15 B	0.940B	1.88B	40.0E	9.06	2.12	1.10	1.99	1.78	6.02	3.03B	2
3	1.64B	1.14 B	0.930B	2.01	42.5E	8.27	2.00	1.17	1.79	1.85	5.61	2.93B	3
4	1.60B	1.14 B	0.925B	2.17	45.5E	7.83	2.00E	1.34	1.66	1.95	4.85	2.80B	4
5	1.55B	1.14 B	0.920B	2.32	49.0E	7.27	1.90E	1.80	1.61	1.94	4.64	2.70B	5
6	1.51B	1.13 B	0.910B	2.94	46.0E	6.56	1.88E	2.98	1.48	1.84	5.66	2.60B	6
7	1.48B	1.13 B	0.905B	3.33	42.5E	6.03	1.48E	4.42	1.30	2.13	6.56	2.52B	7
8	1.45B	1.12 B	0.895B	3.06	37.5E	6.14	1.38E	5.13	1.27	2.34	6.77	2.42B	8
9	1.40B	1.12 B	0.895B	2.90	34.0E	10.4	1.45E	5.23	1.25	2.29	6.99	2.32B	9
10	1.37B	1.12 B	0.890B	2.88A	28.1A	17.3	6.70E	4.78	1.32	2.26	7.88	2.24B	10
11	1.32B	1.11 B	0.880B	2.84E	25.1	17.3	10.3 E	4.43	1.30	2.29	8.01	2.18B	11
12	1.28B	1.10 B	0.895B	2.82E	23.3	15.7	9.20E	4.12	1.25	2.28	7.90	2.07B	12
13	1.23B	1.09 B	0.900B	2.80E	23.2	12.5	6.70E	3.74	1.18	2.64	7.08	2.00B	13
14	1.20B	1.09 B	0.905B	2.95E	23.6	9.67	4.85E	3.62	1.12	2.89	7.05	1.93B	14
15	1.17B	1.08 B	0.910B	3.10E	24.3	8.06	3.85E	3.99	1.06	2.88	6.41	1.87B	15
16	1.15B	1.07 B	0.905B	3.45E	23.4	7.02	3.10E	4.47	1.03	2.79	5.39	1.80B	16
17	1.17B	1.07 B	0.900B	4.00E	21.0	6.85	2.70E	4.65	1.00	2.89	5.15B	1.75B	17
18	1.16B	1.06 B	0.900B	10.0 E	17.9	8.42	2.45E	4.25	0.947	2.82	5.70B	1.70B	18
19	1.15B	1.05 B	0.895B	14.0 E	15.6	9.02	2.25E	3.90	0.923	2.64	5.60B	1.64B	19
20	1.15B	1.04 B	0.890B	16.5 E	15.0	7.77	2.05E	3.60	0.931	2.67	5.40B	1.60B	20
21	1.16B	1.03 B	0.900B	18.2 E	20.1	6.84	1.98E	3.61	0.923	3.17	5.15B	1.54B	21
22	1.16B	1.02 B	0.910B	19.6 E	29.0E	6.04	1.95E	3.61	0.975	3.96	4.90B	1.48B	22
23	1.16B	1.01 B	0.940B	21.0 E	32.0E	5.27	1.90E	3.81	1.21	4.12	4.70B	1.46B	23
24	1.16B	1.01 B	1.00 B	22.5 E	29.5E	4.58	1.85E	3.87	1.80	4.34	4.50B	1.42B	24
25	1.16B	1.00 B	1.12 B	26.0 E	28.0E	3.99	1.80E	3.57	2.22	4.40	4.25B	1.36B	25
26	1.16B	0.980B	1.20 B	31.0 E	24.0	3.54	1.70E	3.20	2.18	4.26	4.05B	1.36B	26
27	1.16B	0.980B	1.32 B	35.0 E	23.0	3.26	1.63E	2.84	2.05	4.03	3.85B	1.33B	27
28	1.15B	0.975B	1.40 B	36.5 E	20.3	3.06	1.55E	2.56	1.90	3.90	3.70B	1.30B	28
29	1.15B		1.48 B	38.5 E	17.0	2.84	1.45	2.38	1.61	3.85	3.50B	1.28B	29
30	1.15B		1.52 B	36.0 E	14.3	2.58	1.32	2.21	1.62	3.82	3.40B	1.27B	30
31	1.15B		1.64 B		12.2		1.26	2.21		4.65		1.28B	31
TOTAL	40.12	30.115	31.674	370.21	864.0	233.57	88.95	103.20	43.289	90.35	166.30	60.38	TOTAL
MEAN	1.29	1.08	1.02	12.3	27.9	7.79	2.87	3.33	1.44	2.91	5.54	1.95	MEAN
MAX	1.73	1.15	1.64	38.5	49.0	17.2	10.3	5.23	2.22	4.65	8.01	3.20	MAX
MIN	1.15	0.975	0.880	1.78	12.2	2.58	1.26	1.10	0.923	1.63	3.40	1.27	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.81
MAXIMUM DAILY, 49.0E ON MAY 5
MINIMUM DAILY, 0.880B ON MAR 11

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 33 22 N
LONG 81 03 25 W
DRAINAGE AREA, 401 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 470	JUL	7 690
FEB	2 600	AUG	8 920
MAR	2 730	SEP	3 740
APR	32 000	OCT	7 810
MAY	74 600	NOV	14 400
JUN	20 200	DEC	5 220

TOTAL DISCHARGE, 183 000 dam³

REMARKS - THE FLOW IS CONTINOUSLY AFFECTED BY BEAVER ACTIVITY AND A CONTROL DAM AT TAILINGS (MINE) DUMP SITE

RAINY LAKE AT NORTHWEST BAY - STATION NO. 05PB023

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	27.211	26.835	26.726	26.808	27.023	27.341	27.669	---	---	---	---	---	1
2	27.217	26.830	26.723	26.808	27.046	27.335	27.660	---	---	---	---	---	2
3	27.217	26.811A	26.717	26.801	27.073	27.320	27.640	---	---	---	---	---	3
4	27.218	26.803A	26.710	26.804	27.083	27.306	27.648	---	---	---	---	---	4
5	27.210	26.887	26.707	26.888	27.074	27.318	27.670	---	---	---	---	---	5
6	27.208	26.888	26.708	26.881	27.120	27.313	27.661	---	---	---	---	---	6
7	27.208	26.877	26.710	26.882	27.185	27.344	27.662	---	---	---	---	---	7
8	27.202	26.868	26.703	26.885	27.191	27.318	27.651	---	---	---	---	---	8
9	27.201	26.854	26.699	26.884	27.218	27.287	27.638	---	---	---	---	---	9
10	27.194	26.848	26.884	26.881	27.241	27.288	27.619	---	---	---	---	---	10
11	27.188	26.835	26.883	26.887	27.273	27.286	27.632	---	---	---	---	---	11
12	27.188	26.838	26.882	26.886	27.348	27.311	27.618	---	---	---	---	---	12
13	27.188	26.821	26.872	26.891	27.388	27.326	27.487A	---	---	---	---	---	13
14	27.177	26.812	26.861	26.888	27.308	27.318	---	---	---	---	---	---	14
15	27.182	26.788	26.857	26.908	27.319	27.348	---	---	---	---	---	---	15
16	27.162	26.780A	26.850	26.813	27.335	27.377	---	---	---	---	---	---	16
17	27.128	26.783A	26.846	26.829	27.380	27.402	---	---	---	---	---	---	17
18	27.118	26.778A	26.838	26.848	27.388	27.413	---	---	---	---	---	---	18
19	27.108	26.788	26.834	26.887	27.380	27.448	---	---	---	---	---	---	19
20	27.080	26.781	26.823	26.882	27.339	27.482	---	---	---	---	---	---	20
21	27.088	26.780	26.820	26.720	27.348	27.508	---	---	---	---	---	---	21
22	27.084	26.747	26.816	26.787	27.383	27.533	---	---	---	---	---	---	22
23	27.044	26.765	26.815	26.781	27.346	27.538	---	---	---	---	---	---	23
24	27.028	26.758	26.810	26.823	27.386	27.535	---	---	---	---	---	---	24
25	27.028	26.747	26.804	26.854	27.335	27.549	---	---	---	---	---	---	25
26	27.013	26.738	26.802	26.887	27.322	27.555	---	---	---	---	---	---	26
27	27.007	26.737	26.805	26.911	27.354	27.539	---	---	---	---	---	---	27
28	26.993	26.730	26.804	26.946	27.362	27.554	---	---	---	---	---	---	28
29	26.988		26.806	26.974	27.386	27.548	---	---	---	---	---	---	29
30	26.978		26.804	26.998	27.386	27.548	---	---	---	---	---	---	30
31	26.954		26.808		27.348		---	---	---	---	---	---	31
MEAN	27.121	26.815	26.858	26.894	27.288	27.412	---	---	---	---	---	---	MEAN
MAX	27.218	26.935	26.725	26.998	27.388	27.669	---	---	---	---	---	---	MAX
MIN	26.954	26.730	26.802	26.884	27.023	27.288	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 27.670 ON JUL 5
MINIMUM DAILY, 26.884 ON APR 9
MAXIMUM INSTANTANEOUS,
27.807 AT 22:59 CST ON JUN 29

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 50 30 N
LONG 93 37 12 W

A - MANUAL GAUGE

REGULATED SINCE 1909

RAINY LAKE AT STOKES BAY - STATION NO. 05PB025

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.513	28.240	28.029	27.894	28.331	28.643	28.837	---	---	---	---	---	1
2	28.509	28.223	28.018	27.900	28.357	28.643	28.848	---	---	---	---	---	2
3	28.511	28.209	28.018	27.902	28.377	28.637	28.885	---	---	---	---	---	3
4	28.502	28.198	28.020	27.904	28.402	28.632	28.848	---	---	---	---	---	4
5	28.507	28.185	28.010	27.895	28.473	28.611	28.819	---	---	---	---	---	5
6	28.504	28.178	28.000	27.898	28.458	28.604	28.883	---	---	---	---	---	6
7	28.512	28.178	27.990	27.893	28.484	28.589	28.880	---	---	---	---	---	7
8	28.517	28.166	27.993	27.900	28.492	28.580	28.838	---	---	---	---	---	8
9	28.497	28.148	27.990	27.895	28.517	28.588	28.834	---	---	---	---	---	9
10	28.494	28.143	27.988	27.884	28.537	28.572	28.833	---	---	---	---	---	10
11	28.489	28.141	27.988	27.890	28.555	28.552	28.780	---	---	---	---	---	11
12	28.491	28.128	27.978	27.889	28.578	28.522	28.777A	---	---	---	---	---	12
13	28.488	28.128	27.977	27.885	28.593	28.582	---	---	---	---	---	---	13
14	28.484	28.109	27.988	27.903	28.604	28.610	---	---	---	---	---	---	14
15	28.487	28.101	27.988	27.898	28.617	28.638	---	---	---	---	---	---	15
16	28.480	28.083	27.982	27.926	28.628	28.667	---	---	---	---	---	---	16
17	28.432	28.078	27.939	27.940	28.636	28.694	---	---	---	---	---	---	17
18	28.414	28.067	27.934	27.956	28.634	28.726	---	---	---	---	---	---	18
19	28.408	28.081	27.928	27.971	28.647	28.736	---	---	---	---	---	---	19
20	28.388	28.083	27.927	27.994	28.672	28.707	---	---	---	---	---	---	20
21	28.386	28.058	27.914	28.021	28.680	28.748	---	---	---	---	---	---	21
22	28.359	28.052	27.909	28.048	28.648	28.731	---	---	---	---	---	---	22
23	28.351	28.038	27.908	28.042	28.647	28.733	---	---	---	---	---	---	23
24	28.327	28.040	27.910	28.128	28.632	28.728	---	---	---	---	---	---	24
25	28.314	28.054	27.899	28.167	28.674	28.722	---	---	---	---	---	---	25
26	28.307	28.053	27.886	28.198	28.693	28.636	---	---	---	---	---	---	26
27	28.292	28.038	27.908	28.228	28.668	28.681	---	---	---	---	---	---	27
28	28.280	28.042	27.908	28.268	28.648	28.609	---	---	---	---	---	---	28
29	28.272		27.893	28.281	28.640	28.798	---	---	---	---	---	---	29
30	28.262		27.908	28.308	28.643	28.634	---	---	---	---	---	---	30
31	28.261		27.903		28.648		---	---	---	---	---	---	31
MEAN	28.418	28.113	27.953	27.986	28.573	28.668	---	---	---	---	---	---	MEAN
MAX	28.517	28.240	28.029	28.308	28.693	28.861	---	---	---	---	---	---	MAX
MIN	28.261	28.038	27.893	27.884	28.331	28.522	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 28.885 ON JUL 3
MINIMUM DAILY, 27.884 ON APR 10
MAXIMUM INSTANTANEOUS,
28.907 AT 23:35 CST ON JUL 5

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 32 10 N
LONG 93 33 40 W

A - MANUAL GAUGE

REGULATED SINCE 1909

RAINY LAKE NEAR BEAR PASS - STATION NO. 05PB024

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.448A	28.211A	27.874	27.854	28.284	28.588	28.601	28.678	28.788	28.727	28.633A	28.584	1
2	28.458A	28.204A	27.868	27.854	28.316	28.563	28.606	28.691	28.792	28.733	28.630	28.580	2
3	28.454A	28.188	27.862	27.855	28.337	28.577	28.606	28.742	28.780	28.732	28.620	28.585	3
4	28.449	28.188	27.854	27.851	28.359	28.603	28.788	28.784	28.785	28.720	28.617	28.584	4
5	28.445	28.148A	27.849	27.850	28.378	28.557	28.792	28.758	28.770	28.722	28.626	28.589	5
6	28.442	28.134A	27.841	27.849	28.407	28.582	28.809	28.782	28.785	28.727	28.625	28.580	6
7	28.441A	28.125	27.844	27.845	28.428	28.537	28.807	28.743	28.781	28.718	28.618	28.844	7
8	28.448A	28.117	27.838	27.847	28.453	28.538	28.788	28.736	28.781	28.711	28.629	28.841	8
9	28.448A	28.105	27.836	27.847	28.472	28.538	28.788	28.732	28.740	28.710	28.637	28.548	9
10	28.458A	28.082	27.832	27.844	28.501	28.524	28.778	28.723	28.729	28.712	28.636	28.539	10
11	28.453A	28.068A	27.823	27.847	28.524	28.510	28.752A	28.715	28.724	28.707	28.633	28.533	11
12	28.439A	28.083A	27.832	27.847	28.544	28.502	28.740	28.712	28.747	28.708	28.626	28.524	12
13	28.430A	28.073A	27.814	27.849	28.558	28.518	28.734	28.718	28.748	28.701	28.620	28.523	13
14	28.416	28.068A	27.808	27.857	28.588	28.538	28.725	28.715	28.745	28.700	28.618	28.522	14
15	28.408A	28.087A	27.803	27.882	28.582	28.589	28.714	28.715	28.744	28.691	28.614	28.516	15
16	28.388A	28.047A	27.858	27.881	28.583	28.618	28.703	28.715	28.744	28.688	28.606	28.518	16
17	28.378	28.037A	27.893	27.895	28.588	28.644	28.686	28.718	28.743	28.683	28.606	28.511	17
18	28.366	28.023	27.885	27.911	28.601	28.670	28.672	28.713	28.742	28.681	28.604	28.508	18
19	28.367A	28.015	27.877	27.932	28.610	28.688	28.685	28.713	28.744	28.676	28.604	28.488	19
20	28.347	28.003	27.858	28.019	28.699	28.657	28.720	28.741	28.678	28.604	28.494	20
21	28.328	28.000A	27.863	27.982	28.618	28.718	28.649	28.718	28.747	28.672	28.598	28.481	21
22	28.317	27.995	27.882	28.014	28.611	28.763	28.649	28.728	28.761	28.673	28.594	28.488	22
23	28.303A	27.990	27.880	28.049	28.605	28.784	28.649	28.733	28.749	28.670	28.588	28.480	23
24	28.282	27.992	27.851	28.088	28.597	28.780	28.647	28.735	28.743	28.687	28.585	28.481	24
25	28.273	27.996	27.850	28.128	28.615	28.783	28.641	28.738	28.743A	28.687	28.584	28.488	25
26	28.263	27.992	27.859	28.158	28.613	28.782	28.634	28.742	28.741E	28.685	28.581	28.483	26
27	28.259	27.987	27.857	28.188	28.604	28.794	28.631	28.747	28.738A	28.683	28.578	28.484	27
28	28.247	27.983	27.849	28.217	28.597	28.781	28.625	28.753	28.737	28.858	28.572	28.480	28
29	28.242		27.855	28.244	28.594	28.777	28.631	28.772	28.729	28.852	28.568	28.471	29
30	28.232		27.859	28.270	28.595	28.788	28.643	28.772	28.727	28.846A	28.571	28.488	30
31	28.219A		27.853		28.581		28.680	28.785		28.840E		28.470	31
MEAN	28.389	28.089	27.800	27.956	28.528	28.645	28.713	28.732	28.746	28.680	28.607	28.514	MEAN
MAX	28.458	28.211	27.874	28.270	28.618	28.788	28.809	28.772	28.770	28.733	28.637	28.584	MAX
MIN	28.219	27.983	27.849	27.844	28.284	28.502	28.625	28.679	28.724	28.840	28.589	28.466	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 28.459
MAXIMUM DAILY, 28.809 ON JUL 6
MINIMUM DAILY, 27.844 ON APR 10
MAXIMUM INSTANTANEOUS,
28.843 AT 23:05 CST ON JUL 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 41 30 N
LONG 93 57 40 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1909

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

RAINY LAKE NEAR FORT FRANCES - STATION NO. 03PB007

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	337.467	337.170A	336.957	336.831	337.288	337.586	337.784	337.836	337.748	337.704	337.611	337.540	1
2	337.462	337.157A	336.954	336.830	337.288	337.583	337.781	337.852	337.737	337.692	337.607	337.528	2
3	337.462	337.145A	336.950	336.830	337.311	337.588	337.774	337.720	337.735	337.682	337.601	337.535	3
4	337.448	337.138	336.943	336.823	337.337	337.545	337.764	337.724	337.737	337.684	337.608	337.531	4
5	337.443	337.126	336.938	336.821	337.352	337.543	337.772	337.726	337.737	337.696	337.603	337.536	5
6	337.438	337.114	336.935	336.818	337.373	337.541	337.787	337.718	337.740	337.681	337.586	337.532	6
7	337.445	337.104	336.931	336.820	337.408	337.583	337.778	337.712	337.728	337.684	337.587	337.520	7
8	337.442	337.080	336.927	336.818	337.428	337.548	337.773	337.707	337.712	337.684	337.608	337.517	8
9	337.440	337.062	336.922	336.817	337.482	337.627	337.758	337.704	337.708	337.685	337.600	337.518	9
10	337.433	337.070	336.916	336.817	337.476	337.614	337.760	337.698	337.700	337.682	337.598	337.513	10
11	337.433	337.080	336.908	336.816	337.488	337.602	337.748	337.690	337.708	337.685	337.587	337.510	11
12	337.422	337.064	336.905	336.816	337.519	337.617	337.738	337.685	337.709	337.671	337.587	337.505	12
13	337.416	337.047	336.898	336.823	337.531	337.652	337.723	337.700	337.707	337.680	337.603	337.488	13
14	337.404	337.037	336.892	336.823	337.541	337.648	337.703	337.701	337.714	337.677	337.595	337.485	14
15	337.388	337.028	336.886	336.838	337.561	337.671	337.688	337.690	337.714	337.685	337.594	337.490	15
16	337.376	337.021	336.878	336.848	337.583	337.697	337.674	337.688	337.717	337.670	337.578	337.487	16
17	337.383	337.012	336.873	336.863	337.570	337.630	337.683	337.688	337.718	337.688	337.574	337.484	17
18	337.368	337.003	336.868	336.883	337.577	337.638	337.684	337.688	337.718	337.688	337.582	337.479	18
19	337.341	336.995	336.862	336.904	337.586	337.658	337.661	337.692	337.717	337.688	337.588	337.474	19
20	337.323	336.987	336.852	336.926	337.584	337.673	337.626	337.683	337.717	337.686	337.588	337.488	20
21	337.309	336.980	336.848	336.954	337.581	337.712	337.619	337.684	337.727	337.684	337.582	337.482	21
22	337.293	336.977	336.847	336.980	337.584	337.781	337.618	337.707	337.731	337.681	337.583	337.480	22
23	337.275	336.976	336.844	337.026	337.581	337.780	337.617	337.709	337.708	337.647	337.580	337.488	23
24	337.259	336.978	336.833	337.067	337.587	337.783	337.611	337.714	337.709	337.648	337.580	337.483	24
25	337.251	336.974	336.827	337.091	337.578	337.768	337.804	337.716	337.706	337.643	337.581	337.482	25
26	337.238	336.971	336.825	337.128	337.581	337.778	337.586	337.718	337.707	337.643	337.588	337.489	26
27	337.230	336.968	336.832	337.158	337.580	337.770	337.588	337.714	337.706	337.636	337.582	337.484	27
28	337.217	336.963	336.834	337.188	337.585	337.772	337.602	337.728	337.702	337.632	337.647	337.483	28
29	337.208		336.832	337.217	337.588	337.774	337.613	337.729	337.688	337.628	337.641	337.448	29
30	337.196		336.834	337.240	337.581	337.788	337.621	337.738	337.700	337.623	337.638	337.443	30
31	337.184		336.831		337.573		337.630	337.783		337.624		337.436	31
MEAN	337.352	337.044	336.883	336.937	337.504	337.633	337.686	337.704	337.717	337.668	337.578	337.488	MEAN
MAX	337.462	337.170	336.957	337.240	337.588	337.788	337.787	337.783	337.748	337.704	337.611	337.540	MAX
MIN	337.184	336.963	336.825	336.816	337.288	337.502	337.588	337.638	337.686	337.623	337.538	337.436	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 337.436
MAXIMUM DAILY, 337.787 ON JUL 6
MINIMUM DAILY, 336.816 ON APR 11
MAXIMUM INSTANTANEOUS,
337.851 AT 21:00 CST ON JUL 5

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 38 30 N
LONG 93 20 00 W

A - MANUAL GAUGE

REGULATED SINCE 1908

WATER LEVELS ARE REFERRED TO UNITED STATES COAST AND GEODETIC SURVEY DATUM

RAINY RIVER AT FORT FRANCES - STATION NO. 05PC018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	228	357	235	205	312	832	738	182	141	130	131	142	1
2	270	355	235	197	318	891	705	169	141	132	134	141	2
3	318	354	235	228	219	880	778	149	188	133	130	140	3
4	312	353	233	231	220	858	760	201	110	129	133	141	4
5	308	353	238	232	218	814	779	282	147	130	132	141	5
6	314	353	236	231	221	817	773	268	198	131	132	141	6
7	315	351	236	230	223	850	784	268	188	133	132	141	7
8	315	351	235	233	210	842	785	259	190	131	133	141	8
9	314	350	236	232	219	842	784	254	190	132	132	144	9
10	314	328	238	230	232	845	782	257	188	133	130	140	10
11	338	303	235	205	229	845	780	213	185	132	140	140	11
12	385	304	238	198	329	835	784	147	134	131	145	141	12
13	383	303	235	195	387	803	765	149	131	132	145	140	13
14	411	304	237	183	397	830	750	149	135	135	144	141	14
15	411	304	237	188	394	801	747	149	145	130	144	139	15
16	408	303	238	187	478	802	745	148	132	134	144	140	16
17	410	300	234	188	537	800	748	132	134	132	135	142	17
18	408	302	238	171	537	801	841	130	134	132	127	141	18
19	408	300	234	185	542	801	582	131	133	133	127	141	19
20	408	275	237	184	529	841	561	131	131	132	128	140	20
21	408	235	213	183	528	412	483	133	133	131	127	139	21
22	408	236	210	180	527	583	414	129	132	133	125	141	22
23	410	233	234	182	527	892	414	102	133	132	124	138	23
24	384	235	236	184	530	893	414	78.1	133	132	127	123	24
25	389	234	236	178	523	701	411	87.5	132	133	128	90.3	25
26	380	233	144	208	845	724	385	105	134	135	128	88.0	26
27	389	228	172	206	852	788	255	108	132	131	128	141	27
28	389	239	234	208	880	784	216	107	131	132	127	139	28
29	389		220	210	880	775	148	106	132	138	134	137	29
30	388		211	211	883	781	148	111	132	134	140	139	30
31	380		211		835		149	114		132		122	31
TOTAL	11 077	8 374	7 031	5 812	13 789	15 901	18 131	4 801.8	4 423	4 100	3 984	4 184.3	TOTAL
MEAN	357	299	227	194	444	530	585	157	147	132	133	135	MEAN
MAX	411	357	237	233	883	784	782	282	195	138	145	144	MAX
MIN	228	228	144	150	210	300	148	78.1	110	129	124	90.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 278
MAXIMUM DAILY, 784 ON JUN 28
MINIMUM DAILY, 90.3 ON DEC 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 38 30 N
LONG 93 24 00 W
DRAINAGE AREA, 38 600 km²

REGULATED SINCE 1909

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	857 000	JUL	1 570 000
FEB	724 000	AUG	420 000
MAR	807 000	SEP	382 000
APR	502 000	OCT	354 000
MAY	1 190 000	NOV	344 000
JUN	1 370 000	DEC	362 000

TOTAL DISCHARGE, 8 780 000 dam³

RAINY RIVER AT MANITOU RAPIDS - STATION NO. 05PC018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3408	3628	2558	2688	520	859	1 080	213	156	190	190	184 B	1
2	2978	3688	2558	2638	555	858	1 070	212	204	191	191	184 B	2
3	2978	3688	2558	288	532	844	1 080	218	245	188	192	184 B	3
4	3408	3688	2558	308	513	824	1 030	221	242	188	190	184 B	4
5	3408	3688	2558	328	498	798	981	278	177	188	191	184 B	5
6	3408	3688	2558	348	498	731	1 020	330	218	186	192	184 B	6
7	3408	3688	2558	385	495	829	1 010	328	258	193	192	184 B	7
8	3408	3688	2558	385	484	883	974	328	278	194	193	184 B	8
9	3408	3688	2558	408	462	873	945	328	279	195	195	184 B	9
10	3408	3688	2558	413	458	880	917	323	277	198	198	184 B	10
11	3408	3548	2558	408	450	888	892	320	273	197	200	170 B	11
12	3688	3268	2558	377	483	893	872	284	240	198	210	170 B	12
13	3968	3268	2558	357	548	895	858	221	214	200	207	170 B	13
14	4398	3268	2558	351	575	875	844	210	204	198	210	168 B	14
15	4398	3268	2558	351	588	831	830	208	202	198	210	168 B	15
16	4398	3268	2558	388	588	868	818	204	208	198	204	188 B	16
17	4398	3268	2558	442	548	857	801	198	198	196	202	188 B	17
18	4398	3268	2558	507	577	817	782	188	194	197	1848	188 B	18
19	4398	3268	2558	588	585	868	898	180	190	198	1848	188 B	19
20	4388	3268	2558	674	733	824	860	180	190	195	1848	188 B	20
21	4388	2978	2558	798	798	858	834	181	188	194	1848	188 B	21
22	4398	2558	2278	800	762	860	844	180	188	193	1848	188 B	22
23	4398	2558	2278	813	758	900	804	177	193	192	1848	188 B	23
24	4398	2558	2558	788	753	1 040	493	148	190	192	1848	188 B	24
25	4118	2558	2558	742	762	1 070	487	119	191	191	1848	127 B	25
26	3828	2558	2558	753	790	1 070	479	128	188	192	1848	85.08	26
27	3828	2558	1708	738	838	1 080	388	142	185	191	1848	113 B	27
28	3828	2558	1988	698	850	1 080	340	149	193	188	1848	188 B	28
29	3828		2558	657	847	1 060	272	152	195	189	1848	188 B	29
30	3828		2558	614	855	1 040	228	154	192	189	1848	188 B	30
31	3828		2558		869		215	158		189		188 B	31
TOTAL	11 936	9 084	7 707	15 370	19 820	22 858	22 719	8 615	5 389	5 989	5 773	5 015.0	TOTAL
MEAN	385	324	249	509	639	762	733	213	312	193	192	162	MEAN
MAX	439	383	255	800	888	1 080	1 070	328	279	200	210	184	MAX
MIN	297	255	170	288	450	824	215	119	188	188	184	85.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 361
MAXIMUM DAILY, 1 080 ON JUN 27
MINIMUM DAILY, 85.08 ON DEC 26
MAXIMUM INSTANTANEOUS,
1 080 AT 11:00 CST ON JUN 27

SUMMARY FOR THE YEAR 1988

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 38 04 N
LONG 93 54 47 W
DRAINAGE AREA, 50 200 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 030 000	JUL	1 880 000
FEB	783 000	AUG	572 000
MAR	888 000	SEP	550 000
APR	1 320 000	OCT	817 000
MAY	1 710 000	NOV	488 000
JUN	1 870 000	DEC	433 000

TOTAL DISCHARGE, 12 000 000 dam³

RAISIN RIVER AT BLACK RIVER - STATION NO. 02MC027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	3.74	0.957	0.883	---	---	---	---	---	---	1
2	---	---	0.0818	4.39	1.58	0.898	---	---	---	---	---	---	2
3	---	---	---	7.88	5.18	0.888	---	---	---	---	---	---	3
4	---	---	---	9.55	5.03	0.884	---	---	---	---	---	---	4
5	---	---	---	12.1	3.08	0.839	---	---	---	---	---	---	5
6	---	---	---	8.68	5.48	0.738	---	---	---	---	---	---	6
7	---	---	---	8.07	7.47	0.696	---	---	---	---	---	---	7
8	---	---	---	4.41	5.73	0.689	---	---	---	---	---	---	8
9	---	---	---	3.18	3.58	0.456	---	---	---	---	---	---	9
10	---	---	---	2.40	2.41	1.73	---	---	---	---	---	---	10
11	---	---	---	1.88	1.84	5.05	---	---	---	---	---	---	11
12	---	---	---	1.84	2.30	2.82	---	---	---	---	---	---	12
13	---	---	---	1.66	5.66	1.30	---	---	---	---	---	---	13
14	---	---	---	1.63	7.78	0.807	---	---	---	---	---	---	14
15	---	---	---	1.74	6.84	0.743	---	---	---	---	---	---	15
16	---	---	---	2.26	3.80	0.645	---	---	---	---	---	---	16
17	---	---	---	2.06	2.42	9.38	---	---	---	---	---	---	17
18	---	---	---	4.17	1.78	14.8	---	---	---	---	---	---	18
19	---	---	---	3.69	1.43	8.01	---	---	---	---	---	---	19
20	---	---	---	2.88	1.17	3.88	---	---	---	---	---	---	20
21	---	---	0.8208	2.04	1.02	2.48	---	---	---	---	---	---	21
22	---	---	0.8608	1.89	0.978	1.88	---	---	---	---	---	---	22
23	---	---	0.5038	1.44	0.966	1.21	---	---	---	---	---	---	23
24	---	---	0.4588	1.32	0.830	0.842	---	---	---	---	---	---	24
25	---	---	0.7138	1.26	0.729	---	---	---	---	---	---	---	25
26	---	---	8.20 B	1.20	0.673	---	---	---	---	---	---	---	26
27	---	---	14.4 B	1.12	0.898	---	---	---	---	---	---	---	27
28	---	---	26.8 B	1.03	0.886	---	---	---	---	---	---	---	28
29	---		32.8 A	0.942	0.670	---	---	---	---	---	---	---	29
30	---		18.8	0.941	0.524	---	---	---	---	---	---	---	30
31	---		7.50		0.576		---	---		---	---	---	31
TOTAL	---	---	---	88.413	84.749	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	3.28	2.73	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	12.1	7.78	---	---	---	---	---	---	---	MAX
MIN	---	---	---	0.941	0.524	---	---	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 32.8A ON MAR 29

MAXIMUM INSTANTANEOUS,
34.2 AT 08:15 EST ON MAR 29

REMARKS - SEASONAL OPERATION (FEB 15 - MAY 15)

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 04 52 N
LONG 74 52 07 W
DRAINAGE AREA, 129 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	8 500	OCT	---
MAY	7 320	NOV	---
JUN	---	DEC	---

RAISIN RIVER NEAR WILLIAMSTOWN - STATION NO. 02MC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5588	10.6 B	0.3188	15.8	3.85	1.78E	0.888	0.858A	0.038	0.085	0.398	3.70 B	1
2	0.5428	4.30 B	0.3128	13.8	4.45	1.85E	0.882	0.080	0.034	0.078	0.373	2.11 B	2
3	0.5268	2.80 B	0.3118	28.2	11.1	2.21E	0.748	0.068	0.033	0.078	0.388	1.86 B	3
4	0.5148	1.70 B	0.3088	30.8	15.0	2.89E	0.658	0.153	0.025	0.073	0.488	1.73 B	4
5	0.5018	1.10 B	0.3058	39.2	10.8	2.64A	0.575	0.267	0.032	0.070	0.639	1.88 B	5
6	0.4928	0.7888	0.3038	32.8	11.8	2.21E	0.520E	0.383	0.044	0.083	0.588	1.41 B	6
7	0.4868	0.6518	0.3008	23.2	19.0	1.81E	0.482E	0.588	0.041	0.082	0.508	1.31 B	7
8	2.10 B	0.5288	0.2988	15.7	16.5	1.49E	0.414E	0.855	0.036	0.078	0.444	1.20 B	8
9	4.96 B	0.4708	0.2978	11.7	11.2	1.38E	0.374	0.444	0.036	0.088	1.12	1.11 B	9
10	3.05 B	0.4428	0.2958	8.02	8.33	2.18E	0.418	0.388	0.030	0.081	1.84	1.02 B	10
11	2.20 B	0.4208	0.2938	7.21	8.71	8.48	0.500A	0.378	0.027	0.088	1.88	0.9708	11
12	1.58 B	0.3928	0.2928	8.15	8.72	8.82	0.580E	0.328	0.023	0.081	1.70	0.8618	12
13	1.08 B	0.3858	0.2918	8.67	8.87	8.30	0.480E	0.257	0.022	0.088	1.74	0.8938	13
14	0.8608	0.3808	0.3308	8.82	25.8	3.70	0.380E	0.200	0.022	0.072	1.81	0.8428	14
15	0.7008	0.4758	15.2 B	8.22	27.0	2.82	0.318E	0.162	0.035	0.075	7.01	0.8028	15
16	0.6108	0.4428	33.0 B	7.58	17.7	2.32	0.258E	0.122	0.027	0.087	17.8	0.7508	16
17	0.5428	0.4188	18.6 B	7.88	10.4	8.40	0.208E	0.088	0.026	0.105	27.5	0.7008	17
18	0.5028	0.3928	7.80 B	10.5	7.25	30.8	0.178E	0.066	0.022	0.124	21.7	0.6808	18
19	0.4628	0.3788	4.40 B	12.6	5.86	25.3	0.130E	0.058	0.022	0.120	13.3	0.6228	19
20	0.4828	0.3808	2.81 B	9.59	4.59	12.8	0.088E	0.088	0.028	0.174	10.8	0.5988	20
21	0.4648	0.3808	2.28 B	7.84	3.88	8.26	0.078E	0.083	0.027	0.817	17.7	0.5788	21
22	0.4468	0.3458	2.00 B	6.28	3.52	8.03	0.084E	0.100	0.026	1.33	14.4 B	0.5488	22
23	0.4408	0.3408	1.80 B	5.34	3.40	4.52	0.080E	0.091	0.043	1.35	9.10 B	0.5308	23
24	0.4388	0.3378	1.70 B	4.71	3.17	3.52	0.057E	0.080	0.048	1.09	5.80 B	0.5078	24
25	0.4328	0.3338	3.70 B	4.38	2.80	2.78	0.052E	0.073	0.060	0.817	4.82 B	0.4938	25
26	0.4288	0.3308	12.5 B	4.23	2.54	2.27	0.080E	0.088	0.087	0.700	4.13 B	0.4808	26
27	0.4238	0.3288	36.4 B	3.86	2.48	2.15	0.068E	0.055	0.084	0.551	4.04 B	0.4868	27
28	0.4228	0.3228	86.8 B	3.85	2.38	1.78	0.065E	0.046	0.068	0.505	3.87 B	0.4818	28
29	0.4208		87.2 B	3.61	2.16	1.45	0.064E	0.041	0.065	0.477	3.77 B	0.4808	29
30	0.8088		87.2	3.44	1.91	1.17	0.061E	0.031	0.083	0.398	3.60 B	0.4778	30
31	2.47 B		39.7		1.81		0.060A	0.024		0.359		0.4808	31
TOTAL	39.888	32.233	407.331	344.89	281.87	184.87	8.780	5.382	1.123	9.885	193.328	28.481	TOTAL
MEAN	0.956	1.15	13.1	11.5	8.48	5.49	0.318	0.174	0.037	0.319	6.11	0.850	MEAN
MAX	4.96	10.6	87.2	38.2	27.0	30.8	0.888	0.888	0.088	1.35	27.5	3.70	MAX
MIN	0.430	0.323	0.281	3.44	1.81	1.17	0.082	0.024	0.022	0.059	0.373	0.477	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.05
MAXIMUM DAILY, 87.2B ON MAR 29

MAXIMUM INSTANTANEOUS,
94.0 AT 14:33 EST ON MAR 29

REMARKS - DRAINAGE AREA AND FLOWS ARE REFERRED TO CONTROL AT LAT. 45 03 10 LONG. 74 37 31

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 03 10 N
LONG 74 38 18 W
DRAINAGE AREA, 404 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 870	JUL	845
FEB	2 780	AUG	488
MAR	35 200	SEP	97.0
APR	29 800	OCT	854
MAY	22 800	NOV	16 800
JUN	14 700	DEC	2 550

TOTAL DISCHARGE, 128 000 dam³

RAWDON CREEK NEAR WEST HUNTINGDON - STATION NO. 02HK008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.620B	1.30 B	0.200B	2.54	0.861	0.626	0.451	0.085	0.171	0.079	0.206	0.673B	1
2	0.540B	1.60 B	0.185B	2.31	1.01	0.728	0.358	0.080	0.302	0.110	0.201	0.665B	2
3	0.480B	0.700B	0.180B	2.37	1.25	0.753	0.438	0.089	0.177	0.147	0.211	0.644B	3
4	0.440B	0.620B	0.167B	3.11	1.18	0.774	0.355	0.231	0.138	0.130	0.208	0.793B	4
5	0.410B	0.540B	0.162B	3.54	1.11	0.721	0.328	0.451	0.121	0.113	0.249	0.770B	5
6	0.380B	0.480B	0.177B	3.23	1.23	0.604	0.313	0.273	0.105	0.123	0.288	0.805B	6
7	0.400B	0.440B	0.173B	3.01	1.87	0.523	0.280	0.300	0.086	0.123	0.276	0.790B	7
8	0.740B	0.407B	0.170B	2.85	2.11	0.488	0.287	0.211	0.088	0.124	0.388	0.888B	8
9	0.620B	0.370B	0.188B	2.18	1.81	0.557	0.245	0.148	0.097	0.123	0.515	0.700B	9
10	0.560B	0.345B	0.185B	1.89	1.83	1.89	0.233	0.126	0.086	0.118	0.585	0.671B	10
11	0.520B	0.340B	0.182B	1.81	1.38	1.61	0.215	0.111	0.080	0.116	0.597	0.644B	11
12	0.488B	0.310B	0.188B	1.41	1.69	1.17	0.198	0.138	0.080	0.114	0.585	0.541B	12
13	0.480B	0.300B	0.157B	1.31	1.82	0.940	0.320	0.137	0.074	0.128	0.480	0.484B	13
14	0.450B	0.315B	0.250B	1.20	1.74	0.813	1.10	0.148	0.075	0.111	0.477	0.400B	14
15	0.440B	0.310B	1.20 B	1.17	1.83	0.767	0.934	0.120	0.119	0.142	1.08	0.380B	15
16	0.430B	0.280B	1.95 B	1.13	1.48	0.705	0.680	0.119	0.138	0.178	1.85	0.380B	16
17	0.420B	0.278B	1.60 B	1.10	1.30	0.848	0.477	0.105	0.188	0.173	1.88	0.338B	17
18	0.410B	0.260B	1.15 B	1.18	1.17	0.787	0.381	0.093	0.131	0.184	1.81	0.320B	18
19	0.405B	0.250B	0.905B	1.13	1.06	0.733	0.281	0.081	0.103	0.188	1.38	0.310B	19
20	0.400B	0.248B	0.728B	1.07	0.973	0.845	0.215	0.101	0.093	0.303	1.80	0.310B	20
21	0.385B	0.258B	0.648B	1.05	0.877	1.12	0.193	0.186	0.082	0.457	1.84 B	0.305B	21
22	0.375B	0.280B	0.595B	1.06	0.873	1.11	0.170	0.123	0.084	0.483	1.24 B	0.290B	22
23	0.358B	0.280B	0.560B	1.03	0.803	1.00	0.164	0.108	0.286	0.319	1.03 B	0.263B	23
24	0.345B	0.250B	0.535B	0.987	0.741	0.885	0.145	0.100	0.213	0.285	0.908B	0.275B	24
25	0.335B	0.240B	0.950B	0.897	0.884	0.791	0.128	0.091	0.182	0.277	0.880B	0.275B	25
26	0.420B	0.230B	2.50 B	0.857	0.873	0.720	0.118	0.072	0.145	0.251	0.807	0.268B	26
27	0.480B	0.235B	4.40 B	0.818	0.843	0.803	0.114	0.085	0.108	0.240	0.908	0.265B	27
28	0.520B	0.220B	5.60 B	0.868	0.818	0.518	0.188	0.081	0.105	0.229	1.19	0.262B	28
29	0.880B		5.11	0.797	0.778	0.472	0.137	0.081	0.092	0.217	1.06 B	0.259B	29
30	0.800B		4.16	0.882	0.785	0.466	0.116	0.128	0.088	0.206	0.911B	0.257B	30
31	1.10 B		3.31		0.748		0.111	0.120		0.198		0.280B	31
TOTAL	15.838	11.547	38.531	48.159	36.308	24.268	9.617	4.267	3.807	8.003	25.014	14.882	TOTAL
MEAN	0.511	0.412	1.24	1.61	1.17	0.809	0.310	0.137	0.127	0.194	0.834	0.479	MEAN
MAX	1.10	1.60	5.80	3.54	2.11	1.89	1.10	0.451	0.302	0.483	1.88	0.673	MAX
MIN	0.335	0.220	0.157	0.791	0.843	0.466	0.111	0.081	0.074	0.078	0.201	0.257	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.553
MAXIMUM DAILY, 5.80B ON MAR 28
MINIMUM DAILY, 0.081 ON AUG 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 20 18 N
LONG 77 28 39 W
DRAINAGE AREA, 86.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 370	JUL	831
FEB	998	AUG	368
MAR	3 320	SEP	329
APR	4 180	OCT	519
MAY	3 140	NOV	2 150
JUN	2 100	DEC	1 280

TOTAL DISCHARGE, 20 600 dam³

REDHILL CREEK AT ALBION FALLS - STATION NO. 02HA023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.120	0.250	0.088	0.534	0.126	0.226	0.074	0.089	1.16	0.083	0.095	0.126	1
2	0.113	0.152	0.066	0.368	0.430	0.773	0.076	0.086	0.110	0.114	0.118	0.123	2
3	0.100	0.121	0.070	1.07	0.131	0.277	0.073	0.080	0.081	0.077	0.085	0.113	3
4	0.100B	0.105	0.172	1.48	0.141	0.302	0.228	0.177	0.074	0.078	0.083	0.108	4
5	0.098B	0.102	0.252	0.588	0.228	0.152	0.082	0.081	0.071	0.081	0.088	0.110	5
6	0.090	0.100B	0.086	0.401	0.129	0.119	0.077	0.085	0.072	0.088	0.231	0.115	6
7	0.104	0.085	0.077	0.319	0.432	0.113	0.080	0.073	0.067	0.086	0.901	0.083	7
8	0.095	0.087B	0.136	0.272	0.288	0.105	0.077	0.073	0.071	0.078	0.593	0.086	8
9	0.185	0.087B	0.166	0.230	0.192	0.327	0.075	0.068	0.063	0.075	0.628	0.086	9
10	0.125	0.088B	0.415	0.213	0.319	0.114	0.075	0.072	0.062	0.378	0.417	0.086	10
11	0.105	0.084B	0.428	0.184	0.788	0.104	0.078	0.088	0.081	0.107	0.271	0.085	11
12	0.208	0.083B	0.286	0.238	2.86	0.138	0.084	0.086	0.080	0.081	0.178	0.082	12
13	0.127	0.118	0.178	0.284	0.576	0.178	0.071	0.071	0.063	0.078	0.143	0.080	13
14	0.098	0.247	0.289	0.182	0.377	0.102	0.089	0.089	0.813	0.078	0.524	0.079	14
15	0.105B	0.118	0.542	0.238	0.285	0.124	0.070	0.472	0.118	0.075	1.30	0.078	15
16	0.097	0.090	0.185	0.188	0.233	0.178	0.071	0.108	0.228	0.240	1.41	0.078B	16
17	0.088	0.085	0.176	0.308	0.207	0.150	0.072	0.074	0.116	0.348	0.388	0.077B	17
18	0.088	0.080	1.24	0.242	0.185	0.087	0.074	0.070	0.083	0.136	0.308	0.076B	18
19	0.090	0.075	0.480	0.183	0.169	0.132	0.085	0.068	0.075	0.544	0.228	0.076B	19
20	0.092B	0.070	0.339	0.150	0.258	0.258	0.832	0.087	0.070	0.804	0.832	0.074B	20
21	0.080	0.311	0.388	0.128	0.158	0.161	0.100	0.088	0.070	0.485	0.288	0.074B	21
22	0.079	0.143	0.385	0.126	0.136	0.332	0.437	0.072	2.14	0.198	0.188	0.073B	22
23	0.080	0.083	0.773	0.127	0.158	0.124	0.132	0.083	0.424	0.139	0.158	0.068	23
24	0.081	0.077	0.737	0.123	0.122	0.123	0.093	0.071	0.141	0.118	0.134	0.071	24
25	0.078	0.073	1.39	0.123	0.118	0.101	0.228	0.071	0.112	0.107	0.125	0.073	25
26	0.835	0.081	0.744	0.183	0.328	0.068	1.26	0.068	0.101	0.100	0.150	0.072	26
27	0.180	0.088	0.580	0.108	0.117	0.085	0.324	0.067	0.092	0.092	0.183	0.078	27
28	0.126	0.078	1.00	0.106	0.110	0.081	0.142	0.061	0.088	0.088	0.497	0.078	28
29	0.202		0.763	0.122	0.116	0.074	0.108	0.088	0.084	0.083	0.173	0.073	29
30	0.311		0.841	0.109	0.814	0.074	0.100	0.068	0.085	0.081	0.141	0.071	30
31	0.208		0.723		0.483		0.083	0.068		0.278		0.432	31
TOTAL	5.344	3.184	14.050	8.888	10.821	5.208	5.251	2.784	5.850	5.104	10.552	2.881	TOTAL
MEAN	0.172	0.113	0.453	0.287	0.349	0.174	0.169	0.089	0.222	0.185	0.352	0.088	MEAN
MAX	0.835	0.311	1.39	1.48	2.86	0.773	1.26	0.472	2.14	0.544	1.41	0.432	MAX
MIN	0.078	0.070	0.068	0.106	0.110	0.074	0.068	0.068	0.080	0.078	0.083	0.068	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.221
MAXIMUM DAILY, 2.86 ON MAY 12
MINIMUM DAILY, 0.068 ON AUG 30
MAXIMUM INSTANTANEOUS,
18.2 AT 21:26 EST ON SEP 22

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 12 01 N
LONG 79 48 33 W
DRAINAGE AREA, 23.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	482	JUL	484
FEB	273	AUG	239
MAR	1 210	SEP	575
APR	768	OCT	441
MAY	935	NOV	912
JUN	450	DEC	258

TOTAL DISCHARGE, 6 980 dam³

REDHILL CREEK AT HAMILTON - STATION NO. 02HA014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.180	0.431	0.111	1.10	0.130	0.418	0.088	0.088	2.04	0.084	0.138	0.173	1
2	0.182	0.241	0.088	0.843	0.884	1.01	0.088	0.088	0.188	0.118	0.187	0.185	2
3	0.182	0.178	0.084	1.83	0.212	0.308	0.081	0.083	0.088	0.102	0.183	0.1308	3
4	0.135	0.168	0.268	2.25	0.180	0.485	0.283	0.208	0.083	0.077	0.103	0.134	4
5	0.144	0.181	0.871	1.15	0.241	0.234	0.113	0.121	0.074	0.083	0.088	0.181	5
6	0.135	0.140	0.175	0.728	0.188	0.181	0.088	0.081	0.077	0.100	0.281	0.184	6
7	0.180	0.135	0.084	0.847	0.882	0.157	0.084	0.085	0.083	0.081	1.18	0.118	7
8	1.70 B	0.120	0.123	0.428	0.827	0.148	0.082	0.078	0.084	0.082	0.832	0.103	8
9	0.2738	0.104	0.195	0.355	0.373	0.483	0.087	0.072	0.078	0.078	1.18	0.100	9
10	0.2108	0.110	0.842	0.324	0.408	0.281	0.088	0.074	0.074	0.880	0.704	0.108	10
11	0.181	0.121	0.7188	0.271	1.03	0.182	0.080	0.083	0.084	0.188	0.448	0.105	11
12	0.3278	0.117	0.8188	0.258	4.84	0.141	0.107	0.078	0.081	0.087	0.287	0.083	12
13	0.203	0.138	0.281	0.488	1.35	0.317	0.080	0.077	0.087	0.077	0.198	0.087	13
14	0.1588	0.483	0.340	0.284	0.753	0.188	0.081	0.078	0.885	0.681	0.820	0.083	14
15	0.1508	0.232	1.03	0.348	0.885	0.145	0.077	0.488	0.317	0.851	3.04	0.0838	15
16	0.148	0.125	0.331	0.238	0.423	0.211	0.078	0.218	0.341	0.347	2.41	0.085	16
17	0.140	0.110	0.262	0.414	0.344	0.188	0.078	0.083	0.208	0.808	0.830	0.088	17
18	0.138	0.118	1.84	0.405	0.308	0.148	0.078	0.073	0.110	0.184	0.807	0.087	18
19	0.137	0.111	0.884	0.274	0.272	0.122	0.088	0.072	0.080	0.708	0.388	0.084	19
20	0.1138	0.107	0.781	0.188	0.318	0.488	1.08	0.073	0.083	0.880	1.12	0.088	20
21	0.104	0.548	0.726	0.183	0.287	0.183	0.183	0.088	0.081	0.818	0.884	0.0828	21
22	0.107	0.2088	0.884	0.173	0.222	0.445	0.388	0.084	4.88	0.288	0.318	0.0788	22
23	0.1128	0.1088	1.18	0.188	0.212	0.213	0.243	0.068	1.02	0.178	0.228	0.074	23
24	0.1048	0.1008	1.31	0.188	0.188	0.184	0.108	0.068	0.280	0.148	0.203	0.078	24
25	0.1068	0.113	2.13	0.148	0.174	0.182	0.188	0.085	0.180	0.120	0.184	0.0788	25
26	1.08 B	0.123	1.48	0.180	0.438	0.138	1.03	0.087	0.138	0.110	0.333	0.0808	26
27	0.271	0.138	1.08	0.138	0.187	0.118	0.881	0.087	0.114	0.103	0.282	0.082	27
28	0.178	0.131	1.82	0.133	0.145	0.110	0.222	0.088	0.101	0.100	1.00	0.088	28
29	0.274		1.38	0.138	0.141	0.101	0.118	0.088	0.088	0.084	0.323	0.089	29
30	0.887		1.84	0.133	0.778	0.084	0.105	0.088	0.083	0.093	0.228	0.1278	30
31	0.328		1.38		0.488		0.081	0.080		0.392		0.8778	31
TOTAL	8.188	4.871	23.885	13.818	17.007	7.441	6.120	2.843	13.031	7.138	17.138	3.718	TOTAL
MEAN	0.263	0.174	0.770	0.461	0.548	0.248	0.187	0.085	0.401	0.230	0.571	0.120	MEAN
MAX	1.70	0.548	2.13	2.25	4.84	1.01	1.08	0.488	4.80	0.880	3.41	0.577	MAX
MIN	0.104	0.100	0.084	0.133	0.130	0.084	0.077	0.068	0.081	0.078	0.088	0.074	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.340
MAXIMUM DAILY, 4.84 ON MAY 12
MINIMUM DAILY, 0.068 ON AUG 31
MAXIMUM INSTANTANEOUS,
42.3 AT 21:21 EST ON SEP 22

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 13 56 N
LONG 79 47 08 W
DRAINAGE AREA, 80.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	708	JUL	529
FEB	421	AUG	264
MAR	2 060	SEP	1 040
APR	1 180	OCT	617
MAY	1 470	NOV	1 480
JUN	643	DEC	321

TOTAL DISCHARGE, 10 700 dam³

REESOR CREEK ABOVE GREEN RIVER - STATION NO. 02HC039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1788	0.4008	0.0888	0.320	0.284	0.415	0.101	0.087	0.844	0.118	0.428	0.2888	1
2	0.1708	0.3288	0.0838	0.301	0.402	0.823	0.090	0.311	0.248	0.182	0.308	0.4008	2
3	0.1888	0.2858	0.0818	0.883	0.401	0.401	0.088	0.148	0.145	0.142	0.338	0.3008	3
4	0.1828	0.2488	0.0798	0.818	0.341	0.341	0.088	0.898	0.118	0.128	0.348	0.2488	4
5	0.1598	0.2158	0.0788	0.632	0.838	0.238	0.082	1.18	0.133	0.118	0.332	0.3108	5
6	0.1578	0.1938	0.0778	0.488	0.772	0.192	0.074	1.21	0.110	0.141	0.487	0.3408	6
7	0.1568	0.1808	0.0768	0.405	0.828	0.173	0.078	0.488	0.882	0.124	0.737	0.3268	7
8	0.4008	0.1888	0.0758	0.334	0.848	0.188	0.081	0.237	0.288	0.125	0.704	0.2188	8
9	0.5008	0.1678	0.0748	0.334	0.488	0.144	0.081	0.188	0.204	0.117	1.02	0.2108	9
10	0.3768	0.1508	0.0738	0.308	0.378	0.183	0.080	0.230	0.188	0.381	0.832	0.3708	10
11	0.3508	0.1488	0.0728	0.387	0.428	0.130	0.078	0.172	0.131	0.382	0.448	0.1488	11
12	0.4008	0.1408	0.0718	0.281	2.20	0.118	0.088	0.133	0.137	0.231	0.282	0.1278	12
13	0.7008	0.1388	0.0708	0.526	1.10	0.112	0.072	0.114	0.138	0.182	0.271	0.1188	13
14	0.3508	0.1338	0.1008	0.360	0.878	0.113	0.073	0.104	0.117	0.240	0.881	0.1088	14
15	0.2508	0.1858	2.00 B	0.888	0.404	0.128	0.072	0.108	0.130	0.338	2.88	0.1048	15
16	0.2308	0.1608	0.8008	0.484	0.338	0.141	0.078	0.124	0.117	0.343	2.38	0.0958	16
17	0.2158	0.1488	0.2658	0.407	0.280	0.210	0.088	0.101	0.173	0.304	0.881	0.0858	17
18	0.2048	0.1308	0.2308	0.402	0.248	0.207	0.087	0.088	0.117	0.314	0.613	0.0838	16
19	0.2168	0.1238	0.2108	0.332	0.228	0.148	0.087	0.087	0.124	0.288	0.488	0.0818	19
20	0.1828	0.1168	0.1888	0.307	0.277	0.811	0.072	0.108	0.114	0.818	1.31	0.0888	20
21	0.1758	0.1138	0.1628	0.288	0.323	0.488	0.071	0.111	0.103	0.827	1.07	0.0878	21
22	0.1728	0.1078	0.1788	0.308	0.260	1.13	0.080	0.088	0.171	0.378	0.8518	0.0888	22
23	0.1888	0.1048	0.1908	0.295	0.209	0.528	0.072	0.088	0.384	0.295	0.3878	0.0848	23
24	0.1668	0.1018	0.2488	0.268	0.192	0.307	0.088	0.084	0.181	0.288	0.3378	0.0828	24
25	0.2008	0.0978	1.73 B	0.287	0.178	0.217	0.081	0.080	0.161	0.264	0.334	0.0808	25
26	0.8008	0.0848	2.13 B	0.284	0.185	0.178	0.088	0.078	0.188	0.221	0.381	0.0788	26
27	0.2688	0.0818	1.38	0.273	0.182	0.181	0.103	0.080	0.141	0.201	0.381	0.0788	27
28	0.2458	0.0888	1.48 B	0.288	0.181	0.127	0.088	0.077	0.128	0.192	1.01	0.0788	28
29	0.3008		1.13	0.287	0.147	0.104	0.088	0.087	0.120	0.181	0.4888	0.0788	29
30	1.00 B		0.471	0.373	0.208	0.105	0.088	0.084	0.118	0.170	0.3028	0.0748	30
31	0.8308		0.378		0.277		0.084	0.072		0.332		0.1608	31
TOTAL	9.848	4.828	14.028	11.381	13.733	8.488	2.388	5.704	6.881	7.881	20.718	4.721	TOTAL
MEAN	0.321	0.182	0.483	0.378	0.443	0.282	0.078	0.216	0.188	0.248	0.881	0.152	MEAN
MAX	1.00	0.400	2.13	0.818	2.20	1.13	0.103	1.21	0.883	0.818	2.88	0.400	MAX
MIN	0.188	0.088	0.070	0.267	0.147	0.104	0.081	0.087	0.103	0.117	0.271	0.074	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.301
MAXIMUM DAILY, 2.88 ON NOV 15
MINIMUM DAILY, 0.081 ON JUL 28
MAXIMUM INSTANTANEOUS,
8.718 AT 15:30 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 58 07 N
LONG 79 12 03 W
DRAINAGE AREA, 38.3 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	889	JUL	303
FEB	381	AUG	670
MAR	1 310	SEP	488
APR	803	OCT	885
MAY	1 180	NOV	1 780
JUN	731	DEC	408

TOTAL DISCHARGE, 9 800 dam³

RIDEAU RIVER ABOVE SMITHS FALLS - STATION NO. 02LA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.75	5.01	5.01	7.30	8.77	---	---	---	---	---	5.98E	7.83	1
2	5.81	5.08	5.06	16.8	8.71	---	---	---	---	---	5.93E	8.05	2
3	5.88	5.38	5.83	18.1	9.26	---	---	---	---	---	5.92E	7.86	3
4	5.84	5.35	5.78	18.7	9.78	---	---	---	---	---	5.91E	8.02	4
5	5.71	5.48	5.72	22.8	14.0	---	---	---	---	---	5.90E	7.93	5
6	5.78	5.33	5.70	26.8	21.4	---	---	---	---	---	5.88E	7.88	6
7	5.60	5.37	5.67	29.1	25.8	---	---	---	---	---	5.87E	7.85	7
8	5.61	5.46	5.36	34.4	33.2	---	---	---	---	---	5.88E	8.07	8
9	5.58	5.01	3.07	32.1	32.9	---	---	---	---	---	5.88E	8.08	9
10	5.20	5.45	3.08	28.3	32.5	---	---	---	---	---	5.83E	8.61	10
11	5.28	5.32	3.18	28.3	32.2	---	---	---	---	---	5.82E	8.88	11
12	5.25	5.34	3.25	26.0	38.9	---	---	---	---	---	5.81	8.81	12
13	5.18	5.41	3.25	22.8	39.7	---	---	---	---	---	5.73	8.81	13
14	5.11	5.38	3.13	19.1	38.7	---	---	---	---	---	5.78	8.82	14
15	5.25	5.21	2.48	16.7	40.4	---	---	---	---	---	5.74A	8.81	15
16	5.30	4.88	1.11	16.7	41.0	---	---	---	---	5.89A	5.74E	8.84	16
17	5.27	3.48	0.174E	16.7	31.0	---	---	---	---	6.00E	5.74E	8.71	17
18	5.20	3.48	0 E	16.7	18.1	---	---	---	---	7.84A	5.74E	8.85	18
19	5.19	3.51	0 E	17.0	11.2	---	---	---	---	7.88	5.74A	8.88	19
20	5.17	3.47	1.31 E	14.8	14.8 A	---	---	---	---	7.88	8.05	8.88	20
21	5.27	3.25	3.37 A	11.4	18.5 E	---	---	---	---	11.3	10.5	8.87	21
22	5.23	3.33	3.37 E	11.2	18.5 E	---	---	---	---	13.4	8.88	8.89	22
23	5.12	3.72	3.37 A	11.2	18.5 A	---	---	---	---	10.7	13.2	8.88	23
24	5.03	3.32	3.36	11.1	---	---	---	---	---	9.08	8.44	8.87	24
25	5.09	3.40	3.32	10.7	---	---	---	---	---	9.08	8.88	8.48	25
26	5.15	3.44	1.28	8.26A	---	---	---	---	---	8.97	8.87	8.88	26
27	5.85	5.81	0	8.80A	---	---	---	---	---	7.74	8.82	8.86	27
28	6.22	8.83	0	8.80	---	---	---	---	---	7.00	8.43	8.88	28
29	5.28		0	8.88	---	---	---	---	---	7.02	8.44	8.81	29
30	5.08		0	8.84	---	---	---	---	---	8.87	8.32	8.84	30
31	5.23		0		---		---	---		8.88A		8.83	31
TOTAL	174.85	133.72	109.214	526.84	---	---	---	---	---	---	218.25	181.74	TOTAL
MEAN	5.63	4.78	3.62	17.5	---	---	---	---	---	---	7.28	8.18	MEAN
MAX	8.81	8.83	9.06	34.4	---	---	---	---	---	---	13.2	8.05	MAX
MIN	5.03	3.25	0	7.30	---	---	---	---	---	---	5.43	8.48	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM INSTANTANEOUS,
41.3 AT 21:06 EST ON MAY 15

REMARKS - SEASONAL OPERATION (OCT-MAY APPROX.)

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 53 26 N
LONG 76 03 48 W
DRAINAGE AREA, 1 290 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	15 100	JUL	---
FEB	11 800	AUG	---
MAR	9 440	SEP	---
APR	46 400	OCT	---
MAY	---	NOV	18 800
JUN	---	DEC	15 800

RIDEAU RIVER AT OTTAWA - STATION NO. 02LA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.0 B	15.0 B	4.838	141	18.1	28.2	17.7	11.8	9.84	14.9	15.3	31.1B	1
2	15.6 B	15.1 B	5.428	136	22.3	27.2	17.7	9.88	8.13	16.4	19.4	26.4B	2
3	14.6 B	20.3 B	6.368	133	65.8	26.7	17.7	9.40	5.70	15.8	14.8	25.8B	3
4	12.8 B	16.1 B	7.208	142	76.7	26.3	15.0	9.54	5.80	15.5	14.1A	23.5B	4
5	11.4 B	16.8 B	8.098	166	74.1	26.4	13.6	9.86	5.82	18.2	13.7A	23.3B	5
6	11.8 B	14.6 B	27.5 B	167	76.9	26.5	13.5	9.82	5.73	18.9	15.7A	23.8B	6
7	12.2 B	12.9 B	22.8 B	164	108	23.2	13.2	8.78	5.67	16.3	21.6A	27.7B	7
8	12.5 B	12.0 B	25.5 B	162	142	20.0	10.2	8.83	5.53	12.0	22.9A	26.0B	8
9	13.2 B	11.4 B	19.0 B	138	148	19.8	8.85	8.82	5.59	9.37	32.9A	20.8B	9
10	15.0 B	10.6 B	11.0 B	112	128	23.4	15.9	8.02	5.76	9.45	33.8A	18.4B	10
11	17.0 B	10.5 B	8.258	102	129	29.9	25.6	8.88	5.51	9.72	30.3A	17.2B	11
12	16.6 B	10.3 B	4.868	88.0	120	31.5	29.2	8.46	5.45	10.5	22.0A	16.3B	12
13	14.6 B	9.378	5.208	83.0	131	29.7	32.4	8.51	5.48	9.84	33.0A	20.8B	13
14	12.6 B	10.1 B	5.788	82.6	144	28.5	30.5	8.58	5.44	8.31	36.2A	23.4B	14
15	12.5 B	10.8 B	11.1 B	75.6	142	28.3	23.3	8.90	5.61	8.88	69.4A	22.3B	15
16	11.8 B	10.4 B	103 B	64.5	106	23.5	16.2	8.88	5.58	11.7	73.3A	20.8B	16
17	10.0 B	8.808	82.3 B	63.1	84.2	24.7	13.8	8.88	5.71	14.5	71.4A	20.3B	17
18	8.658	8.548	50.5	62.8	83.5	30.0	12.8	8.61	5.88	20.0	87.7A	17.8B	18
19	8.008	8.508	47.5	83.4	80.1	28.5	11.5	8.53	5.83	15.4	85.1A	16.2B	19
20	10.7 B	7.808	40.0 B	87.2	87.0	28.4	11.2	8.88	8.18	23.0	81.8A	15.2B	20
21	10.7 B	8.648	24.7 B	88.0	51.2	31.3	10.9	7.73	8.84	33.8	80.3A	14.7B	21
22	10.7 B	8.938	19.1 B	84.8	31.5	28.7	10.7	8.78	7.84	31.2	84.8A	13.8B	22
23	11.1 B	8.388	14.8 B	82.2	31.9	26.5	10.1	8.88	8.33	28.8	83.0A	12.8B	23
24	11.4 B	8.448	18.6	19.3	27.3	22.3	9.81	8.80	11.0	21.5	88.8A	12.2B	24
25	11.2 B	8.388	19.3	8.70	31.0	22.1	9.52	8.88	11.7	19.5	45.1A	10.8B	25
26	10.2 B	8.288	44.1	28.8	38.5	27.8	8.38	8.88	11.3	18.4	45.7A	11.3B	26
27	10.3 B	4.728	126	26.8	35.1	35.0	11.8	8.83	8.77	20.3	43.6A	10.1B	27
28	10.8 B	3.748	218	23.4	30.3	28.2	10.5	8.88	11.1	18.1	38.0A	13.8B	28
29	10.5 B		281	17.5	21.8	22.8	11.7	8.88	14.4	16.0	36.8B	13.8B	29
30	10.6 B		201	17.2	21.6	18.9	11.2	8.81	15.1	44.0	33.3B	13.0B	30
31	11.5 B		186		27.3		11.4	8.70		36.8		13.0B	31
TOTAL	377.78	284.23	1 874.68	2 492.70	2 138.8	798.3	488.08	237.98	225.81	571.17	1 187.6	578.7	TOTAL
MEAN	12.2	10.5	60.8	83.1	72.3	26.6	15.0	7.88	7.63	18.4	38.8	18.7	MEAN
MAX	17.0	20.3	281	167	148	35.0	32.4	11.8	15.1	44.0	73.3	31.1	MAX
MIN	8.88	3.74	4.83	8.70	18.1	19.9	8.38	8.48	8.44	8.31	13.7	10.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.3
MAXIMUM DAILY, 281 ON MAR 29
MINIMUM DAILY, 3.748 ON FEB 28
MAXIMUM INSTANTANEOUS,
276 AT 01:00 EST ON MAR 29

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 22 54 N
LONG 75 41 52 W
DRAINAGE AREA, 3 830 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	32 800	JUL	40 300
FEB	25 400	AUG	20 900
MAR	138 000	SEP	19 500
APR	215 000	OCT	49 300
MAY	184 000	NOV	102 000
JUN	68 800	DEC	50 100

TOTAL DISCHARGE, 955 000 dam³

RIDEAU RIVER BELOW MANOTICK - STATION NO. 02LA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.6	13.7	4.05	117	12.1	23.6	18.0	8.48	5.22	14.4	14.8	25.2 B	1
2	13.6	18.0	4.82	114	17.3	23.5	16.2	8.38	5.81	16.0	16.6	20.7 B	2
3	12.6 B	17.6 B	5.62	109	52.6	23.2	16.0	8.34	6.61	14.8	12.7	20.7 B	3
4	11.2 B	15.3 B	6.24	118	58.7	21.2	13.6	8.41	5.71	15.6	12.4	19.8 B	4
5	8.700	14.7	7.19	137	56.1	21.6	12.7	8.70	5.74	17.0	11.8	18.6 B	5
6	10.1 B	13.0	24.5	138	51.5	21.7	12.6	8.64	5.82	17.2	10.8	21.6 B	6
7	10.6 B	11.3	20.9	137	44.7	18.2	11.7	8.78	5.64	14.6	10.7	23.1 B	7
8	10.6 B	10.2	23.1 B	130	116	16.6	9.34	8.42	5.88	10.7	22.6	21.6 B	8
9	10.4 B	8.208	17.2 B	100	128	16.3	8.03	8.28	6.67	8.88	30.7	17.1 B	9
10	12.4 B	8.22	17.6 B	98.8	110	16.4	13.8	7.38	5.83	8.87	26.6	15.1 B	10
11	13.7 B	8.17	5.59	88.1	112	21.6	18.6	8.26	5.82	8.81	27.6	14.1 B	11
12	13.6 B	8.88	4.42	81.6	108	22.6	21.0	8.26	5.64	8.48	26.4	13.4 B	12
13	12.3	8.15	4.34	89.0	116	22.1	26.8	8.37	5.41	7.81	28.0	17.6	13
14	10.7	8.70	5.16	71.6	126	21.6	25.2	8.62	5.38	7.92	34.0	20.2	14
15	10.7	9.21	52.3	84.6	118	21.1	18.4	8.70	5.86	8.92	61.6	19.1	15
16	10.1	8.11	76.1	82.6	83.0	18.6	12.6	8.73	5.83	10.0	63.6	16.0	16
17	8.84	7.708	45.2	83.1	64.8	20.0	11.7	8.58	5.81	13.1	56.7	17.6	17
18	7.94	6.888	36.6	82.8	62.1	23.7	11.2	8.57	6.78	18.6	55.7	15.4	18
19	8.38	6.888	42.3	83.8	47.0	22.6	8.62	8.36	5.85	16.3	53.6	13.8	19
20	9.13	6.718	32.9	82.4	48.1	23.4	9.60	8.50	6.00	16.8	51.3	13.0	20
21	9.158	8.468	18.7	49.2	41.6	25.3	8.61	8.63	6.12	30.1	48.8	12.6	21
22	9.158	7.868	13.6	46.3	36.6	23.6	8.17	8.78	6.31	28.7	42.1	11.6	22
23	10.2 B	8.57	11.6	44.3	36.3	20.6	8.92	8.64	9.58	22.2	46.6	10.8	23
24	8.76	8.628	13.2	31.7	30.9	18.0	8.82	8.80	11.2	16.2	46.2	10.6	24
25	8.88	8.808	18.4	26.6	28.6	18.3	8.81	8.86	11.7	16.8	38.2A	9.06	25
26	8.76	8.82	67.0	28.1	34.6	26.1	7.28	8.60	8.70	18.4	38.0A	8.77	26
27	8.33	8.13	100	22.0	29.6	32.1	7.80	8.60	8.42	18.2	36.0A	13.2	27
28	8.20	3.33	156	18.0	24.7	24.8	8.41	8.69	11.5	16.8	30.8A	12.1	28
29	8.01		173	11.3	19.1	20.0	8.88	8.84	13.7	15.0	28.3A	11.3	29
30	8.17		144	11.8	17.0	18.8	8.78	8.47	14.8	12.0	27.0A	11.2	30
31	8.87		128		24.5		10.0	8.27		9.26		11.3	31
TOTAL	322.30	287.28	1 281.83	2 113.7	1 875.3	647.8	381.48	222.70	217.44	463.17	1 015.1	488.75	TOTAL
MEAN	10.4	9.18	40.7	70.5	60.5	21.6	12.6	7.18	7.25	14.9	33.6	15.8	MEAN
MAX	13.6	18.0	173	138	128	32.1	26.8	8.48	14.8	30.1	63.6	25.2	MAX
MIN	7.88	3.33	4.05	11.3	12.1	16.3	7.28	8.26	5.38	7.81	11.8	8.06	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 26.4
MAXIMUM DAILY, 173 ON MAR 29
MINIMUM DAILY, 3.33 ON FEB 28
MAXIMUM INSTANTANEOUS,
183 AT 16:16 EST ON MAR 28

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 14 54 N
LONG 75 42 17 W
DRAINAGE AREA, 3 130 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	27 800	JUL	33 800
FEB	22 300	AUG	19 200
MAR	109 000	SEP	16 800
APR	183 000	OCT	40 000
MAY	162 000	NOV	87 700
JUN	88 000	DEC	42 200

TOTAL DISCHARGE, 802 000 dam³

RIDEAU RIVER BELOW MERRICKVILLE - STATION NO. 02LA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.8	10.7	8.83	54.8	8.39	18.3	18.1	8.58	8.27	14.4	14.3	14.8	1
2	10.7	12.0	8.88	34.3	15.8	20.4	16.7	8.66	8.87	15.3	10.6	13.1	2
3	10.8	11.6	8.78	26.8	32.2	21.7	15.7	8.63	8.88	16.1	7.88	12.3	3
4	10.1	9.88	8.80	48.0	27.7	19.8	13.6	7.38	8.77	17.8	7.54	12.8	4
5	8.22	8.80	8.88	58.7	28.1	18.4	12.1	7.87	8.78	18.1	7.88	18.8	5
6	8.60	8.28	8.87	63.7	34.4	18.8	12.0	8.01	8.76	18.1	10.7	17.3	6
7	8.18	8.07	10.1	64.8	48.3	14.8	9.81	7.77	8.77	14.0	11.1	16.8	7
8	8.72	8.21	11.7	84.8	88.0	14.8	9.12	7.64	8.88	11.3	12.3	15.2	8
9	8.31	8.08	11.1	83.0	86.4	11.4	8.02	7.71	7.08	10.3	13.6	12.4	9
10	8.80	8.14	7.78	86.6	80.8	11.6	8.33	7.78	8.82	8.73	17.8	11.1	10
11	8.87	8.13	8.41	83.4	81.3	14.7	15.8	7.58	8.88	7.48	18.0	10.8	11
12	8.81	8.14	8.38	82.1	88.2	14.7	23.8	7.83	8.78	8.70	17.8	10.8	12
13	8.22	8.17	8.22	83.6	74.8	14.8	28.2	7.72	8.77	8.71	17.8	10.8	13
14	8.80	8.18	8.40	36.2	73.1	14.8	20.4	8.04	8.73	8.88	18.2	10.7	14
15	8.37	8.18	8.73	29.4	88.0	16.2	15.4	8.86	8.78	8.84	20.2	10.3	15
16	8.58	7.84	20.7	28.4	82.0	11.8	11.8	8.28	8.87	10.2	22.8	9.16	16
17	8.83	7.12	24.8	28.2	64.0	14.7	11.0	7.80	7.87	14.8	26.6	9.08	17
18	7.17	7.08	24.1	28.7	32.8	14.3	11.1	8.88	8.78	14.8	27.3	9.02	18
19	7.88	7.08	20.8	28.8	31.3	14.1	11.0	8.88	7.77	14.7	20.4	9.06	19
20	7.88	8.43	17.2	28.6	36.7	16.1	10.8	8.88	7.32	17.8	24.3	8.27	20
21	8.88	8.84	10.4	28.7	24.3	17.8	7.87	7.78	8.44	23.3	26.7	9.18	21
22	8.88	8.48	4.87	27.8	17.8	18.3	8.62	8.17	10.4	20.4	26.5	8.84	22
23	8.78	8.44	4.88	23.4	17.0	13.2	8.70	8.40	16.2	18.8	26.7	8.80	23
24	8.38	8.41	5.80	18.8	13.7	14.1	8.88	8.30	14.8	18.0	26.8	8.74	24
25	8.34	8.38	12.8	17.3	26.8	18.8	7.78	8.72	10.4	16.8	23.4	7.82	25
26	8.28	8.38	21.4	18.1	28.0	27.8	8.18	8.28	11.1	15.3	23.1	8.87	26
27	8.36	8.37	28.8	18.1	27.8	32.4	7.74	8.36	13.2	13.8	22.0	8.17	27
28	8.47	8.36	46.0	8.88	18.2	23.2	8.28	8.37	14.1	13.8	18.4	8.08	28
29	8.20		41.8	8.88	16.2	16.8	10.6	8.04	14.4	10.1	16.8	8.05	29
30	7.84		52.2	8.83	16.1	14.1	10.7	7.87	14.4	8.06	16.7	8.08	30
31	8.74		83.3		16.2		9.48	8.38		8.12		8.02	31
TOTAL	273.14	218.48	533.37	1 084.67	1 126.38	506.1	377.86	248.81	265.08	417.83	648.18	326.71	TOTAL
MEAN	8.81	7.73	17.2	35.2	36.3	16.9	12.2	7.98	8.84	13.5	18.3	10.8	MEAN
MAX	10.8	12.0	83.3	84.8	74.8	32.4	28.2	8.28	16.2	23.3	26.8	17.3	MAX
MIN	8.88	8.37	4.40	8.88	8.38	11.4	7.74	8.38	8.27	8.70	7.84	8.74	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.2
MAXIMUM DAILY, 74.8 ON MAY 13
MINIMUM DAILY, 4.40 ON MAR 14
MAXIMUM INSTANTANEOUS,
77.4 AT 18:31 EST ON MAY 12

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 57 05 N
LONG 75 49 05 W
DRAINAGE AREA, 1 920 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	23 800	JUL	23 800
FEB	16 700	AUG	21 300
MAR	46 100	SEP	22 800
APR	81 100	OCT	38 100
MAY	97 300	NOV	47 400
JUN	43 700	DEC	28 400

TOTAL DISCHARGE, 809 000 dam³

RIVIERE BEAUDETTE NEAR GLEN NEVIS - STATION NO. 02MC026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3248	2.80 B	0.0978	12.4	1.28	0.579	0.218	0.031	0.005	0.003	0.073	0.7208	1
2	0.3248	1.88 B	0.0848	7.11	1.52	0.583	0.186	0.022	0.004	0.002	0.044	0.6508	2
3	0.3208	1.80 B	0.0818	7.10	3.07	0.880	0.187	0.033	0.003	0.004	0.032	0.5848	3
4	0.3188	1.00 B	0.0888	8.13	3.81	0.728	0.139	0.033	0.002	0.003	0.030	0.5428	4
5	0.2128	0.7208	0.0698	9.88	3.55	0.788	0.122	0.026	0.002	0.003	0.024	0.5068	5
6	0.2108	0.4808	0.0838	9.88	3.87	0.808	0.118	0.018	0.001	0.005	0.082	0.4788	6
7	0.2088	0.3408	0.0818	9.40	4.44	0.488	0.107	0.022	0.001	0.004	0.058	0.4408	7
8	0.7878	0.2848	0.0608	8.87	4.41	0.581	0.088	0.018	0.002	0.001	0.144	0.4088	8
9	1.02 B	0.2288	0.0748	4.73	3.81	0.385	0.082	0.018	0.002	0.014	0.279	0.3868	9
10	1.06 B	0.1868	0.0778	3.81	3.08	1.02	0.102	0.014	0.028	0.001	0.504	0.3568	10
11	1.04 B	0.1828	0.0788	3.78	2.43	3.04	0.118	0.012	0.008	0.001	0.481	0.3388	11
12	0.7808	0.1488	0.0708	3.33	2.81	3.44	0.121	0.018	0.004	0.001	0.432	0.3318	12
13	0.2768	0.1388	0.0628	2.88	2.44	1.81	0.108	0.014	0.022	0.018	0.385	0.2988	13
14	0.2338	0.1388	0.0748	2.00	4.77	1.13	0.088	0.013	0.002	0.007	0.818	0.2768	14
15	0.2108	0.2008	3.15 B	2.08	8.28	0.784	0.082	0.012	0.038	0.004	3.08	0.2678	15
16	0.1828	0.1858	10.8 B	2.34	8.42	0.888	0.078	0.008	0.002	0.004	4.82	0.2388	15
17	0.1708	0.1468	8.10 B	2.46	5.82	1.34	0.071	0.008	0.028	0.003	5.98	0.2228	17
18	0.1878	0.1388	4.00 B	3.87	3.78	2.28	0.085	0.004	0.010	0.008	5.30	0.2088	18
19	0.1908	0.1368	5.81 B	3.27	2.83	2.88	0.087	0.003	0.008	0.008	4.80 B	0.1858	19
20	0.1888	0.1288	2.83 B	3.18	1.81	2.91	0.052	0.008	0.007	0.020	4.30 B	0.1788	20
21	0.1618	0.1218	1.82 B	2.88	1.48	2.42	0.040	0.011	0.007	0.074	3.70 B	0.1888	21
22	0.1508	0.1198	1.20 B	2.27	1.32	1.89	0.042	0.008	0.007	0.183	2.80 B	0.1588	22
23	0.1468	0.1188	0.8008	1.91	1.21	1.18	0.035	0.006	0.018	0.183	2.80 B	0.1468	23
24	0.1478	0.1148	0.8348	1.78	1.07	0.788	0.038	0.007	0.018	0.111	2.10 B	0.1428	24
25	0.1468	0.1118	0.8078	1.58	0.983	0.575	0.028	0.008	0.013	0.108	1.70 B	0.1408	25
26	0.1448	0.1088	8.00 B	1.45	0.888	0.441	0.021	0.004	0.012	0.050	1.45 B	0.1388	26
27	0.1428	0.1068	19.5 B	1.38	0.803	0.388	0.021	0.004	0.007	0.053	1.25 B	0.1378	27
28	0.1428	0.1018	23.8 B	1.32	0.820	0.323	0.022	0.004	0.004	0.145	1.04 B	0.1308	28
29	0.1408		24.7	1.15	0.711	0.272	0.022	0.003	0.007	0.152	0.9088	0.1268	29
30	0.1458		21.9	1.17	0.805	0.248	0.022	0.004	0.008	0.088	0.7858	0.1248	30
31	0.3738		18.2		0.803		0.024	0.004		0.057		0.1218	31
TOTAL	9.848	11.985	185.192	120.80	79.081	34.018	2.488	0.388	0.272	1.334	48.858	9.123	TOTAL
MEAN	0.308	0.427	5.91	4.03	2.55	1.13	0.081	0.013	0.008	0.043	1.58	0.294	MEAN
MAX	1.08	2.80	24.7	12.4	8.42	3.04	0.218	0.033	0.038	0.183	5.98	0.720	MAX
MIN	0.140	0.101	0.082	1.15	0.803	0.248	0.021	0.003	0.001	0.001	0.024	0.121	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.30
MAXIMUM DAILY, 24.7 ON MAR 29
MINIMUM DAILY, 0.001 ON SEP 8
MAXIMUM INSTANTANEOUS,
28.2 AT 00:00 EST ON MAR 29

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 18 27 N
LONG 74 38 37 W
DRAINAGE AREA, 124 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	828	JUL	218
FEB	1 030	AUG	33.5
MAR	13 400	SEP	23.5
APR	10 400	OCT	115
MAY	6 830	NOV	4 280
JUN	2 940	DEC	788

TOTAL DISCHARGE, 40 900 dam³

RIVIERE DELISLE NEAR ALEXANDRIA - STATION NO. 02MC028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.124	1.13 B	0.0538	2.75	0.718	0.325E	0.138	0.002	0.001	0.002A	0.029	0.3858	1
2	0.118	0.8808	0.0488	3.33	0.988	0.333E	0.124	0.002	0.002	0.002	0.027	0.3808	2
3	0.121	0.6308	0.0458	5.58	2.33	0.350E	0.110	0.002	0.002	0.002	0.033	0.3308	3
4	0.115	0.4588	0.0428	5.24	2.89	0.388E	0.081	0.008	0.002	0.002	0.033	0.3108	4
5	0.103	0.3308	0.0408	5.08	1.70	0.401A	0.080	0.011	0.002	0.002	0.033	0.2908	5
6	0.095	0.2408	0.0388	5.87	2.84	0.344E	0.077	0.004	0.002	0.004	0.055	0.2728	6
7	0.091	0.1788	0.0368	5.06	3.48	0.298E	0.085	0.007	0.002	0.009	0.120	0.2608	7
8	0.586	0.1458	0.0348	3.48	2.38	0.250E	0.055	0.008	0.002	0.007	0.134	0.2488	8
9	0.712	0.1258	0.0338	2.51	1.82	0.208	0.048	0.008	0.002	0.008	0.243	0.2388	9
10	0.884	0.1108	0.0328	2.12	1.48	0.433	0.065	0.008	0.002	0.010	0.320	0.3288	10
11	0.430	0.1008	0.0338	1.86	1.38	1.08	0.078	0.008	0.002	0.012	0.278	0.2188	11
12	0.349	0.0978	0.0348	1.41	1.82	0.738	0.074	0.007	0.002	0.018	0.221	0.2138	12
13	0.272	0.0908	0.0348	1.28	1.24	0.842	0.080	0.008	0.002	0.019	0.177	0.1788	13
14	0.214	0.0848	0.0358	1.31	2.71	0.484	0.048	0.007	0.002	0.018	0.481	0.1518	14
15	0.173	0.1808	2.85 B	1.35	3.43	0.342	0.039	0.004	0.003	0.019	1.88	0.1368	15
16	0.152	0.1308	5.18 B	1.57	1.92	0.310	0.032	0.004	0.003	0.031	2.88	0.1298	16
17	0.141	0.1188	2.00 B	1.48	1.28	1.33	0.028	0.003	0.005	0.018	3.88	0.1288	17
18	0.133	0.1008	0.8008	2.28	1.08	2.89	0.017	0.002	0.002	0.009	2.55	0.1228	18
19	0.137	0.0808	0.7708	2.21	0.808	2.00	0.012	0.002	0.002	0.004	1.73	0.1208	19
20	0.145	0.0838	0.8848	1.71	0.858	1.29	0.012	0.002E	0.002	0.044	1.88	0.1148	20
21	0.128	0.0788	0.4808	1.42	0.838E	0.858	0.008	0.015E	0.002	0.203	2.28 B	0.1118	21
22	0.120	0.0778	0.4028	1.18	0.888E	0.717	0.003	0.005	0.002	0.208	1.85 B	0.1088	22
23	0.117	0.0748	0.3408	1.04	0.880E	0.594	0.002	0.002	0.002	0.143	1.14 B	0.1008	23
24	0.120	0.0718	0.2878	0.848	0.822E	0.478	0.002	0.002	0.002	0.110	0.7808	0.0948	24
25	0.111	0.0658	0.3168	0.832	0.498E	0.384	0.002	0.002	0.002	0.083	0.6508	0.0908	25
26	0.118	0.0618	2.18 B	0.757	0.480E	0.311	0.002	0.002	0.002	0.081	0.5978	0.0868	26
27	0.124	0.0588	8.06 B	0.758	0.470E	0.268	0.002	0.001	0.002	0.048	0.5828	0.0888	27
28	0.130	0.0548	13.8 B	0.728	0.380E	0.248	0.004	0.001	0.002	0.038	0.5848	0.0958	28
29	0.1288		18.9 B	0.883	0.340E	0.202	0.008	0.001	0.002	0.032	0.5828	0.0928	28
30	0.1308		14.8	0.884	0.332E	0.188	0.007	0.001	0.002	0.028	0.4808	0.0898	30
31	0.2848		8.38		0.328E		0.008	0.001		0.022		0.0898	31
TOTAL	8.218	8.791	78.128	71.188	41.281	18.317	1.288	0.143	0.084	1.213	35.823	5.481	TOTAL
MEAN	0.201	0.287	2.42	2.37	1.33	0.811	0.041	0.008	0.002	0.039	0.881	0.177	MEAN
MAX	0.712	1.13	18.8	5.08	3.48	2.89	0.138	0.015	0.005	0.208	3.88	0.385	MAX
MIN	0.091	0.054	0.032	0.854	0.328	0.188	0.002	0.001	0.001	0.002	0.027	0.089	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.580
MAXIMUM DAILY, 18.88 ON MAR 28
MINIMUM DAILY, 0.001 ON AUG 27

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 18 37 N
LONG 74 38 39 W
DRAINAGE AREA, 85.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	537	JUL	111
FEB	900	AUG	12.4
MAR	5 480	SEP	8.53
APR	4 150	OCT	105
MAY	3 550	NOV	2 230
JUN	1 540	DEC	474

TOTAL DISCHARGE, 21 800 dam³

ROOT RIVER AT SAULT STE MARIE - STATION NO. 02CA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.20 B	0.5808	0.3718	13.5 B	8.39	1.18	0.228	0.048	0.238	0.082	0.828	0.8328	1
2	1.17 B	0.5408	0.3718	12.0 B	7.22	1.88	0.208	0.045	0.218	0.078	0.838	0.8048	2
3	1.15 B	0.5208	0.3718	11.8 B	6.88	1.80	0.181	0.040	0.198	0.081	0.427	0.8888	3
4	1.12 B	0.5008	0.3708	11.4 B	5.47	1.22	0.152	0.084	0.188	0.070	0.358	0.8858	4
5	1.09 B	0.4888	0.3708	10.8 B	5.88	0.927	0.121	0.038	0.108	0.104	0.818	0.8478	5
6	1.10 B	0.4808	0.3888	8.43	5.32	0.758	0.098	0.034	0.078	0.271	2.14	0.8308	6
7	1.10 B	0.4728	0.3688	8.03	4.25	0.888	0.087	0.033	0.063	0.323	1.80	0.8108	7
8	1.08 B	0.4828	0.3638	8.02	3.87	0.782	0.084	0.030	0.052	0.288	1.43	0.4978	8
9	1.08 B	0.4558	0.3618	8.32	3.05	1.58	0.088	0.028	0.080	0.187	1.41	0.4828	9
10	1.05 B	0.4478	0.3808	8.12	2.80	1.60	0.083	0.032	0.085	0.180	3.08	0.4888	10
11	1.02 B	0.4408	0.3688	4.25	2.33	1.28	0.081	0.021	0.088	0.158	3.08	0.4588	11
12	0.9808	0.4358	0.3688	3.67	2.07	1.07	0.081	0.028	0.082	0.148	2.89	0.4428	12
13	0.9408	0.4288	0.3578	3.88	1.87	0.946	0.080	0.024	0.081	0.130	2.20	0.4308	13
14	0.9068	0.4188	0.3568	4.40	1.78	0.863	0.041	0.023	0.044	0.118	2.00	0.4208	14
15	0.8888	0.4118	0.3688	5.48	1.58	1.03	0.040	0.028	0.038	0.108	1.74	0.4088	15
16	0.8408	0.4088	0.3558	5.88	1.48	1.31	0.037	0.027	0.032	0.104	1.28	0.4008	16
17	0.8108	0.4008	0.3658	8.61	1.30	2.08	0.036	0.022	0.038	0.101	1.18 B	0.3808	17
18	0.7808	0.3988	0.3588	10.2	1.18	2.23	0.035	0.021	0.030	0.098	1.13 B	0.3828	18
19	0.7748	0.3928	0.3558	8.88	1.08	1.86	0.032	0.018	0.027	0.100	1.08 B	0.3738	19
20	0.7268	0.3878	0.3558	8.81	1.28	1.57	0.034	0.018	0.034	0.102	1.03 B	0.3658	20
21	0.7008	0.3828	0.3558	8.89	1.86	1.22	0.025	0.020	0.027	0.127	0.9708	0.3588	21
22	0.8708	0.3788	0.3588	10.4	1.70	1.00	0.026	0.088	0.036	0.145	0.9208	0.3808	22
23	0.8588	0.3738	0.3688	9.78	1.44	0.880	0.024	0.088	0.068	0.157	0.8828	0.3458	23
24	0.8438	0.3708	0.3808	8.81	1.27	0.887	0.025	0.031	0.088	0.184	0.8408	0.3408	24
25	0.8308	0.3708	0.3888	12.1	1.88	0.718	0.025	0.027	0.047	0.141	0.8058	0.3248	25
26	0.8228	0.3718	0.3808	15.9	1.78	0.888	0.112	0.028	0.048	0.123	0.7708	0.3288	26
27	0.8188	0.3718	0.8408	17.6	1.55	0.486	0.073	0.028	0.058	0.123	0.7408	0.3228	27
28	0.8058	0.3718	2.05 B	15.2	1.27	0.407	0.062	0.030	0.082	0.118	0.7088	0.3178	28
29	0.5988		8.00 B	11.3	1.07	0.350	0.063	0.030	0.052	0.136	0.6888	0.3138	29
30	0.5868		15.4 B	8.24	0.845	0.278	0.050	0.032	0.048	0.158	0.8808	0.3088	30
31	0.5728		17.0 B		1.04		0.047	0.041		0.286		0.3028	31
TOTAL	26.682	12.028	81.497	287.04	83.028	33.008	2.333	1.002	2.118	4.431	38.284	13.114	TOTAL
MEAN	0.881	0.430	1.85	8.57	2.88	1.10	0.072	0.032	0.071	0.143	1.28	0.423	MEAN
MAX	1.20	0.880	17.0	17.8	8.39	2.23	0.228	0.081	0.238	0.323	3.08	0.832	MAX
MIN	0.572	0.370	0.365	3.87	0.845	0.278	0.024	0.018	0.027	0.082	0.358	0.302	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.52
MAXIMUM DAILY, 17.8 ON APR 27
MINIMUM DAILY, 0.018 ON AUG 19
MAXIMUM INSTANTANEOUS,
20.2 AT 00:59 EST ON APR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 33 49 N
LONG 84 18 59 W
DRAINAGE AREA, 108 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 310	JUL	182
FEB	1 040	AUG	88.7
MAR	4 480	SEP	183
APR	24 800	OCT	382
MAY	7 170	NOV	3 810
JUN	2 880	DEC	1 130

TOTAL DISCHARGE, 47 800 dam³

ROSEBERRY RIVER ABOVE ROSEBERRY LAKES - STATION NO. 04CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.84E	1.01	0.783	0.808	9.04	16.0	8.15	1.88	10.8	5.21	3.44	2.30	1
2	1.82E	0.976	0.760	0.821	12.8	14.5	4.92	1.81	10.3	5.27	3.30	2.34	2
3	1.88E	0.983	0.748	0.817	17.1	13.2	8.53	1.82	9.78	5.27	3.24	2.36	3
4	1.57E	0.848	0.753	0.818	18.8	12.8	7.84	1.48	8.23	5.48	3.18	2.38	4
5	1.84E	0.843	0.785	0.818	18.8	12.1	7.41	1.81	8.88	5.41	3.20	2.37	5
6	1.51E	0.828	0.740	0.822	19.5	11.4	8.88	1.83	8.57	5.57	3.13	2.28	6
7	1.48E	0.820	0.748	0.817	18.2	10.8	8.82	1.88	8.31	6.03	3.08	2.21	7
8	1.47E	0.880	0.748	0.808	18.0	10.0	8.20	2.38	8.28	5.42	3.04	2.11	8
9	1.44E	0.883	0.730	0.801	18.0	9.54	8.78	2.48	7.88	5.74	3.08	2.08	9
10	1.42E	0.801	0.738	0.880	18.1	8.94	8.27	3.88	7.78	6.02	3.06	2.00	10
11	1.38E	0.803	0.702	0.882	18.0	8.08	4.88	4.27	7.81	8.88	3.04	1.88	11
12	1.38E	0.802	0.882	0.886	18.3	7.47	4.72	4.88	7.84	7.04	3.06	1.81	12
13	1.34E	0.885	0.708	0.810	20.1	8.88	4.85	4.72	7.40	7.00	2.88	1.81	13
14	1.32E	0.885	0.702	0.808	21.8	8.84	4.43	4.82	7.16	6.74	2.92	1.80	14
15	1.30E	0.887	0.888	0.812	22.5	8.24	4.16	4.58	8.02	6.51	2.84	1.72	15
16	1.27E	0.858	0.887	0.813	21.1	5.88	3.83	4.33	8.70	8.32	2.77	1.73	16
17	1.25E	0.848	0.878	0.880	20.1	5.84	3.88	4.08	8.41	8.14	2.71	1.70	17
18	1.23E	0.848	0.871	0.893	19.0	5.28	3.32	3.84	8.28	8.88	2.68	1.82	18
19	1.21E	0.837	0.868	0.875	17.3	4.83	3.03	4.13	8.08	8.88	2.63	1.80	19
20	1.18E	0.842	0.845	0.883	16.8	4.83	2.85	4.74	8.84	8.71	2.88	1.88	20
21	1.18	0.832	0.837	0.888	18.8	4.38	2.71	5.82	5.72	8.38	2.88	1.82	21
22	1.18	0.818	0.820	0.885	18.7	4.82	2.83	5.33	5.48	4.88	2.81	1.48	22
23	1.17	0.813	0.825	0.807	18.0	4.70	2.38	8.78	5.28	4.78	2.88	1.48	23
24	1.13	0.808	0.825	0.748	16.8	4.88	2.28	7.14	5.33	4.80	2.48	1.48	24
25	1.10	0.783	0.828	1.04	16.1	5.04	2.48	7.80	5.33	4.74	2.48	1.80	25
26	1.08	0.782	0.822	1.81	18.2	5.28	2.37	8.84	5.31	4.80	2.48	1.48	26
27	1.08	0.772	0.812	2.13	20.3	8.00	2.14	8.51	5.41	4.42	2.38	1.43	27
28	1.08	0.782	0.888	3.18	20.8	7.21	1.88	10.8	5.51	4.23	2.32	1.38	28
29	1.08		0.878	4.77	20.3	6.88	1.88	11.1	5.48	4.18	2.31	1.37	29
30	1.08		0.883	6.82	19.2	8.08	1.73	11.3	5.47	3.83	2.32	1.37	30
31	1.04		0.803		17.4		1.88	11.2		3.71		1.38	31
TOTAL	40.34	24.454	31.088	33.788	588.24	240.34	138.32	188.81	212.14	172.80	84.88	88.77	TOTAL
MEAN	1.30	0.873	0.878	1.13	18.3	8.01	4.39	6.18	7.07	5.57	2.82	1.80	MEAN
MAX	1.84	1.01	0.783	8.82	22.5	16.0	8.15	11.3	10.8	7.08	3.44	2.37	MAX
MIN	1.04	0.772	0.878	0.883	8.04	4.38	1.88	1.48	5.23	3.71	2.31	1.38	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.78
MAXIMUM DAILY, 22.5 ON MAY 15
MINIMUM DAILY, 0.883 ON APR 20
MAXIMUM INSTANTANEOUS,
22.8 AT 15:15 EST ON MAY 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 82 38 20 N
LONG 83 32 15 W
DRAINAGE AREA, 619 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 480	JUL	11 800
FEB	2 110	AUG	13 800
MAR	1 820	SEP	18 200
APR	3 820	OCT	14 800
MAY	48 800	NOV	7 310
JUN	20 800	DEC	4 820

TOTAL DISCHARGE, 181 000 dam³

ROUGE RIVER NEAR MARKHAM - STATION NO. 02HC023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.586	2.43	0.2670	0.986	0.358	4.22	0.288	0.320	3.81	0.348	3.17	1.04	1
2	0.508	1.10 B	0.2660	0.852	1.82	3.20	0.267	2.38	1.47	0.858	1.29	0.950	2
3	0.455	0.8808	0.2558	1.80	1.56	2.00	0.280	0.984	0.539	0.432	1.23	0.890	3
4	0.548	0.6708	0.2948	3.87	1.08	1.58	0.216	8.77	0.384	0.350	1.17	0.640	4
5	1.09	0.5908	0.2958	2.95	2.11	0.840	0.249	4.21	0.391	0.338	1.12	0.790	5
6	1.25	0.5408	0.2878	1.82	2.77	0.823	0.227	1.25	0.428	0.428	1.24	0.780	6
7	0.825	0.4958	0.3008	1.28	2.15	1.01	0.222	0.578	3.40	0.382	1.74	0.710	7
8	3.42 B	0.4608	0.3108	0.830	2.56	1.41	0.203	0.463	1.42	0.346	4.20	0.675	8
9	2.24	0.4308	0.3308	0.941	1.54	0.885	0.197	0.416	0.825	0.363	4.36	0.650	9
10	1.08 B	0.4058	0.3858	0.860	1.08	0.888	0.197	0.893	0.488	1.28	2.15	0.620	10
11	0.7428	0.3858	0.4208	0.773	1.24	0.588	0.145	0.502	0.409	1.88	1.30	0.600	11
12	0.848	0.3848	0.3808	0.775	5.77	0.498	0.149	0.359	0.359	0.877	1.10	0.584	12
13	0.7638	0.3508	0.3558	1.44	4.86	0.430	0.158	0.633	0.341	0.487	1.08	0.585	13
14	0.7328	0.7008	0.3408	1.11	2.04	0.425	0.152	1.73	0.407	1.02	2.43	0.545	14
15	0.560	0.5268	8.77 B	1.87	1.38	0.426	0.158	0.978	0.525	1.42	12.6	0.530	15
16	0.528	0.4208	2.72	1.41	1.02	0.540	0.177	0.805	0.418	0.708	11.1	0.515	16
17	0.556	0.3708	0.805	1.43	0.887	1.58	0.178	0.438	0.778	1.02	5.48	0.505	17
18	0.571	0.3488	0.7008	1.33	0.547	1.48	0.188	0.385	0.432	1.18	2.30	0.495	18
19	0.882	0.3308	0.6408	1.28	0.543	0.880	0.181	0.323	0.388	0.723	1.43	0.480	19
20	0.748	0.3228	0.801	1.23	0.828	3.33	0.206	0.818	0.383	4.48	2.28	0.470	20
21	0.5348	0.3138	0.581	1.18	0.984	1.97	0.213	0.815	0.335	3.23	3.82	0.485	21
22	0.5908	0.3108	0.6008	1.12	0.678	7.36	0.214	0.398	1.56	1.62	1.87	0.480	22
23	0.632	0.3058	1.00 B	1.05	0.502	4.34	0.224	0.362	3.98	0.940	1.13	0.460	23
24	0.567	0.3038	2.82	0.984	0.457	1.71	0.216	0.320	0.788	0.914	1.07	0.440	24
25	0.491	0.3028	5.94	0.905	0.388	1.00	0.413	0.294	0.521	0.783	1.07	0.435	25
26	2.71 B	0.3018	8.40	0.411	0.445	0.712	0.837	0.280	0.458	0.848	1.05	0.430	26
27	2.21	0.3008	4.43	0.180	0.381	0.558	1.88	0.292	0.394	0.808	1.18	0.425	27
28	0.8868	0.2988	4.30	0.185	0.318	0.488	0.980	0.281	0.373	0.884	3.23	0.420	28
29	2.01		3.58	0.284	0.354	0.354	0.372	0.291	0.358	0.850	2.06	0.415	29
30	4.41		1.85	0.213	1.07	0.307	0.318	0.334	0.342	0.528	1.23	0.410	30
31	3.10		1.28		2.20		0.317	0.295		1.88		0.800	31
TOTAL	37.178	14.848	53.462	36.321	43.635	44.878	9.858	32.770	28.413	30.981	80.33	18.344	TOTAL
MEAN	1.20	0.530	1.73	1.18	1.41	1.50	0.318	1.06	0.880	0.999	2.68	0.592	MEAN
MAX	4.41	2.43	8.40	3.87	8.77	7.36	1.88	8.21	3.88	4.48	12.6	1.04	MAX
MIN	0.455	0.288	0.284	0.180	0.318	0.307	0.145	0.281	0.335	0.338	1.05	0.410	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.17
MAXIMUM DAILY, 12.6 ON NOV 15
MINIMUM DAILY, 0.145 ON JUL 11
MAXIMUM INSTANTANEOUS,
23.6 AT 17:53 EST ON AUG 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 31 30 N
LONG 79 13 55 W
DRAINAGE AREA, 185 km²

B - ICE CONDITIONS

REGULATED SINCE 1966

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 210	JUL	852
FEB	1 280	AUG	2 830
MAR	4 620	SEP	2 280
APR	3 080	OCT	2 680
MAY	3 770	NOV	6 940
JUN	3 880	DEC	1 580

TOTAL DISCHARGE, 37 000 dam³

RUSCOM RIVER NEAR RUSCOM STATION - STATION NO. 02GH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.415	2.27	0.0708	1.44	0.148	9.00	0.116	0.238	0.204	0.110E	0.127	0.1608	1
2	0.300	0.9008	0.0888	1.13	0.131	5.87	0.093	0.214	0.312	0.130E	0.105	0.1288	2
3	0.2208	0.4808	0.084	8.53	0.158	4.08	0.080	0.188	0.280	0.095E	0.093	0.1088	3
4	0.1908	0.2258	0.082	9.18	0.219	10.0	0.078	0.144	0.189	0.085E	0.083	0.0858	4
5	0.1888	0.1908	0.184	5.82	0.268	1.41	0.070	0.148	0.128	0.058E	0.084	0.0808	5
6	0.188	0.1888	0.1208	2.80	0.383	0.758	0.080	0.128	0.125	0.045E	0.181	0.1008	6
7	0.268	0.1538	0.0808	1.77	0.280	0.353	0.081	0.095	0.311	0.035E	0.240	0.118	7
8	7.88	0.1428	0.0858	1.41	0.335	0.182	0.040	0.074	0.488	0.045E	0.328	0.082	8
9	4.30	0.1348	0.0648	1.16	0.317	0.140	0.031	0.064	0.481	0.055E	0.281	0.072	9
10	1.38	0.1288	0.0728	0.874	0.215	0.128	0.027	0.055	0.248	0.080E	0.317	0.0708	10
11	0.6208	0.121	0.0658	0.744	0.188	0.088	0.024	0.054	0.174	0.150E	0.333	0.0658	11
12	0.4508	0.117	0.1048	0.724	0.162	0.102	0.019	0.087	0.118	0.105E	0.248	0.0458	12
13	0.3508	0.133	0.0848	0.854	0.332	0.178	0.022	0.088	0.088	0.080E	0.148	0.0428	13
14	0.2808	0.178	0.1078	1.05	0.332	0.181	0.024	0.058	0.088	0.060E	0.132	0.0408	14
15	0.2608	0.242	0.183	1.28	0.222	0.182	0.019	0.075	0.230	0.052E	0.378	0.0388	15
16	0.2358	0.221	0.1388	1.24	0.113	0.318	0.018	0.221	0.284	0.048E	3.48	0.0388	16
17	0.2188	0.181	0.120	1.37	0.084	0.380	0.018	0.278	0.587	0.128E	1.75	0.0328	17
18	0.281	0.128	0.848	4.38	0.084	0.404	0.014	0.143	0.511	0.115E	0.895	0.0308	18
19	0.341	0.118	0.5188	2.02	0.122	1.43	0.013	0.118	0.237	0.320E	0.328	0.0288	19
20	0.3408	0.122	0.3848	1.37	0.422	8.87	31.9	0.132	0.148	0.780E	0.2708	0.0288	20
21	0.3008	0.1808	0.2838	1.18	0.553	1.18	38.5	0.142	0.115	0.550E	0.2258	0.0248	21
22	0.208	0.3208	0.4158	0.978	0.212	0.842	3.87	0.141	0.107	0.440E	0.194	0.0228	22
23	0.193	0.2208	0.4638	0.688	0.088	0.233	1.60	0.145	0.558	0.338E	0.159	0.0208	23
24	0.185	0.1188	0.724	0.524	0.151	0.188	1.19	0.137	0.380E	0.275E	0.145	0.0188	24
25	0.175	0.0748	0.809	0.450	0.586	0.158	0.482	0.121	0.270E	0.232E	0.158	0.0188	25
26	0.880	0.0728	0.871	0.585	10.7	0.188	0.888	0.118	0.220E	0.188E	0.187	0.0188	26
27	1.34	0.0768	0.488	0.488	2.27	1.18	5.18	0.109	0.185E	0.158A	0.144	0.0158	27
28	0.728	0.0728	1.82	0.338	0.828	0.487	14.2	0.115	0.160E	0.135	0.286	0.0188	28
29	1.28		5.58	0.251	0.415	0.180	2.08	0.244	0.145E	0.127	0.233	0.0288	29
30	4.14		2.87	0.221	0.315	0.141A	0.744	0.247	0.125E	0.125	0.1808	0.0288	30
31	3.20		2.27		9.70		0.378	0.180		0.124		0.0378	31
TOTAL	31.247	7.445	19.378	54.809	30.481	49.038	103.018	4.242	7.411	5.287	11.478	1.813	TOTAL
MEAN	1.01	0.266	0.625	1.82	0.842	1.63	3.32	0.137	0.247	0.170	0.383	0.052	MEAN
MAX	7.88	2.27	5.58	8.18	10.7	10.0	38.5	0.278	0.587	0.780	3.48	0.180	MAX
MIN	0.185	0.072	0.084	0.221	0.084	0.088	0.013	0.054	0.088	0.035	0.083	0.015	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.891
MAXIMUM DAILY, 38.5 ON JUL 21
MINIMUM DAILY, 0.013 ON JUL 19
MAXIMUM INSTANTANEOUS,
49.2 AT 02:45 EST ON JUL 21

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 13 54 N
LONG 82 37 00 W
DRAINAGE AREA, 125 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 700	JUL	8 900
FEB	643	AUG	367
MAR	1 670	SEP	640
APR	4 720	OCT	454
MAY	2 630	NOV	982
JUN	4 240	DEC	139

TOTAL DISCHARGE, 28 100 dam³

SACHIGO RIVER BELOW OUTLET OF SACHIGO LAKE - STATION NO. 04CD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.5	17.6	14.3	11.7	10.6	33.7	34.6	21.8	18.8	28.9	34.8	31.7	1
2	21.3	17.7	14.0	11.8	10.6	33.3	32.7	21.7	20.3	27.8	35.0	31.4	2
3	21.1	17.6	13.8	11.4	11.5	34.1	31.6	21.0	20.8	29.5	35.3	32.8	3
4	21.0	17.5	13.6	11.4	11.4	35.0	32.8	21.2	21.3	31.0	35.2	32.8	4
5	21.0	17.4	13.6	11.1	11.3	35.2	31.1	18.7	21.1	31.6	35.1	32.3	5
6	21.0	17.3	13.5	11.0	13.1	34.2	30.2	18.9	21.3	27.8	35.1	32.1	6
7	20.8	17.0	13.5	10.8	13.4	35.3	31.3	18.8	22.2	31.8	35.3	32.1	7
8	20.5	16.8	13.5	10.8	14.1	36.3	30.2	19.3	20.6	32.8	35.4	31.7	8
9	20.2	16.8	13.6	11.0	14.8	36.7	30.5	19.5	21.5	32.8	35.4	31.2	9
10	20.2	16.6	13.4	10.9	15.8	35.3	28.1	19.2	21.4	33.3	35.4	31.0	10
11	20.2	16.8	13.0	10.8	16.7	35.8	29.2	19.2	22.1	33.5	35.5	30.7	11
12	20.3	16.6	13.1	10.8	17.5	34.7	29.0	18.6	22.4	32.5	35.4	30.4	12
13	20.3	16.3	13.1	10.9	18.6	35.2	28.5	17.6	24.3	32.6	35.3	30.1	13
14	20.1	16.2	12.9	10.7	18.7	35.8	29.0	18.2	23.1	34.3	35.0	29.4	14
15	20.0	16.0	12.8	11.1	19.9	36.1	28.0	17.8	23.9	34.7	34.8	28.4	15
16	20.0	15.9	12.7	10.1	20.6	35.8	26.4	18.0	23.3	34.8	34.5	28.2	16
17	19.8	15.8	12.6	10.5	22.1	36.7	27.7	18.3	25.5	34.8	34.4	28.6	17
18	19.7	15.7	12.5	10.5	22.7	36.7	27.8	18.2	24.0	35.8	34.2	29.1	18
19	19.7	15.7	12.4	10.3	22.2	38.1	27.1	18.4	25.0	37.6	34.0	29.7	19
20	19.5	15.6	12.2	10.3	23.0	40.5	27.3	17.8	26.1	36.3	33.6	27.8	20
21	19.8	15.2	12.1	10.2	23.8	38.0	26.8	18.4	27.1	36.4	33.3	27.4	21
22	19.4	15.2	12.0	10.5	24.9	37.6	27.2	17.6	27.1	36.8	33.2	27.2	22
23	19.4	15.2	12.0	10.7	23.9	37.6	27.1	18.1	26.6	35.8	32.8	27.2	23
24	19.2	15.1	12.0	10.5	25.6	37.2	26.5	19.3	26.9	35.8	32.4	27.1	24
25	19.0	14.8	11.8	10.2	23.7	37.2	26.9	19.6	24.8	36.5	32.1	26.8	25
26	19.0	14.8	11.8	9.92	24.6	36.4	25.8	19.7	24.3	38.0	32.1	26.8	26
27	19.1	14.7	11.8	10.3	29.6	36.1	25.8	19.1	30.2	35.6	32.1	26.8	27
28	18.4	14.5	11.7	9.93	28.6	35.5	24.2	19.7	27.8	37.7	32.0	26.3	28
29	18.5		11.0	9.85	30.8	35.9	23.8	19.3	27.6	36.2	32.0	26.4	29
30	18.4		11.7	10.3	32.0	34.4	23.0	19.8	26.9	35.7	31.9	26.5	30
31	18.1		11.7		33.8		22.0	20.0		35.2		26.5	31
TOTAL	616.4	462.5	394.1	320.20	630.0	1 083.5	873.4	581.1	723.8	1 048.8	1 022.3	905.2	TOTAL
MEAN	19.9	16.2	12.7	10.7	20.3	36.1	28.2	18.1	24.1	33.8	34.1	29.2	MEAN
MAX	21.5	17.8	14.3	11.7	33.8	40.5	34.6	21.8	30.2	37.8	35.5	32.8	MAX
MIN	18.1	14.5	11.0	9.92	10.6	33.3	22.0	18.4	18.8	26.9	31.9	26.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.7
MAXIMUM DAILY, 40.5 ON JUN 20
MINIMUM DAILY, 9.92 ON APR 26
MAXIMUM INSTANTANEOUS,
41.7 AT 20:48 EST ON JUN 20

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 59 40 N
LONG 92 08 50 W
DRAINAGE AREA, 6 270 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	53 300	JUL	78 500
FEB	39 100	AUG	51 100
MAR	34 100	SEP	62 500
APR	27 700	OCT	90 800
MAY	54 600	NOV	88 300
JUN	93 800	DEC	78 200

TOTAL DISCHARGE, 748 000 dam³

SALMON RIVER NEAR SHANNONVILLE - STATION NO. 02HN003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.81	15.7	3.03	31.5	10.8	8.69	3.38	0.384	0.100	0.011	0.471	14.6	1
2	8.78	12.6	2.80	30.2	11.1	8.56	3.13	0.345	0.111	0.018	0.478	14.1	2
3	8.43	10.0	2.82	33.2	11.6	8.12	2.92	0.334	0.084	0.026	0.693	14.4	3
4	6.64	8.82	2.88	41.6	11.7	7.84	2.74	0.341	0.082	0.038	0.638	13.4	4
5	4.87	7.80	2.88	45.7	11.3	8.84	2.81	0.378	0.073	0.032	0.823	13.2	5
6	4.81	7.25	2.88	45.4	11.3	8.81	2.50	0.388	0.088	0.038	0.832	14.4	6
7	5.05	8.73	2.82	44.8	13.0	8.18	2.47	0.402	0.086	0.050	1.17	12.4	7
8	10.8	8.28	2.48	42.7	16.1	4.71	2.60	0.713	0.088	0.057	1.78	10.8	8
9	11.3	5.48	2.52	40.8	16.9	4.38	2.37	0.784	0.088	0.058	2.36	11.3	9
10	8.07	5.82	2.41	38.6	16.7	5.65	2.51	0.893	0.088	0.067	2.89	12.0	10
11	7.83	5.60	2.40	38.6	15.9	7.00	2.34	0.827	0.050	0.088	2.67	12.1	11
12	7.60	5.14	2.20	34.6	16.6	6.83	1.91	0.674	0.044	0.082	3.01	10.8	12
13	7.70	4.84	1.91	33.2	17.9	6.18	1.83	0.634	0.034	0.091	3.18	9.80	13
14	7.03	4.98	2.19	31.1	17.8	5.57	1.47	0.487	0.026	0.084	3.61	8.88	14
15	6.80	4.98	24.8	29.6	17.4	5.33	1.28	0.464	0.033	0.105	10.9	8.48	15
16	6.50	4.80	24.5	28.8	16.6	5.25	1.13	0.440	0.034	0.133	15.2	8.13	16
17	6.29	4.14	23.7	27.1	16.0	5.47	0.828	0.424	0.036	0.166	17.4	7.75	17
18	6.24	4.02	14.3	26.6	15.3	5.83	0.737	0.387	0.033	0.181	17.1	7.95	18
19	6.10	3.88	10.6	25.8	14.8	5.79	0.758	0.368	0.027	0.168	16.9	7.83	19
20	5.84	4.03	9.28	22.4	14.8	5.88	0.749	0.348	0.026	0.224	22.4	7.28	20
21	5.01	3.82	8.38	20.8	14.6	5.93	0.672	0.332	0.026	0.384	24.3	8.38	21
22	5.48	4.06	7.84	19.1	14.3	5.88	0.611	0.288	0.023	0.452	19.8	8.83	22
23	5.86	3.88	7.38	17.7	13.4	5.57	0.558	0.260	0.032	0.521	18.4	8.32	23
24	5.22	3.61	7.30	16.5	12.8	5.06	0.528	0.237	0.031	0.540	17.2	8.21	24
25	4.68	3.80	8.38	15.8	12.0	5.86	0.502	0.205	0.028	0.558	16.7	8.30	25
26	8.02	3.48	19.3	14.6	11.9	5.04	0.478	0.172	0.028	0.581	16.8	8.23	26
27	8.76	3.27	28.3	13.6	11.7	4.86	0.481	0.147	0.024	0.585	16.3	4.84	27
28	8.23	3.17	28.7	12.8	11.4	4.38	0.458	0.123	0.018	0.551	17.8	4.78	28
29	8.80		42.8	11.8	10.8	3.84	0.428	0.107	0.014	0.524	17.6	4.71	29
30	10.3		37.4	11.2	9.88	3.57	0.413	0.103	0.014	0.502	17.2	4.49	30
31	12.2		34.3		9.33		0.394	0.091		0.482		4.33	31
TOTAL	212.82	180.83	377.74	840.6	426.41	176.82	48.875	11.490	1.327	7.382	308.888	278.48	TOTAL
MEAN	6.86	6.74	12.2	28.0	13.7	5.85	1.47	0.371	0.044	0.238	10.2	8.89	MEAN
MAX	12.2	15.7	42.8	45.7	17.9	8.56	3.38	0.784	0.111	0.681	24.3	14.6	MAX
MIN	4.84	3.17	1.91	11.2	9.33	3.57	0.394	0.091	0.014	0.011	0.471	4.33	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.78
MAXIMUM DAILY, 45.7 ON APR 6
MINIMUM DAILY, 0.011 ON OCT 1
MAXIMUM INSTANTANEOUS,
47.1 AT 20:52 EST ON APR 6

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 12 36 N
LONG 77 12 36 W
DRAINAGE AREA, 881 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 400	JUL	3 880
FEB	13 800	AUG	993
MAR	32 800	SEP	118
APR	72 800	OCT	638
MAY	36 800	NOV	26 600
JUN	15 400	DEC	23 800

TOTAL DISCHARGE, 248 000 dam³

SALVESEN LAKE NEAR OUTLET - STATION NO. 05QE011

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.388	0.388	0.370	0.368	0.898	1.257	1.080	0.880	0.508	0.388	0.322	0.300	1
2	0.390	0.393	0.387	0.371	1.038	1.263	1.074	0.857	0.503	0.372	0.317	0.298	2
3	0.392	0.388	0.387	0.373	1.081	1.235	1.054	0.803	0.498	0.388	0.314	0.295	3
4	0.388	0.388	0.371	0.372	1.121	1.218	1.037	0.858	0.487	0.388	0.317	0.293	4
5	0.388	0.391	0.374	0.370	1.184	1.198	1.020	0.847	0.483	0.370	0.322	0.298	5
6	0.388	0.385	0.373	0.388	1.201	1.178	1.001	0.838	0.480	0.384	0.320	0.298	6
7	0.400	0.387	0.371	0.388	1.234	1.188	0.978	0.825	0.471	0.382	0.321	0.288	7
8	0.401	0.384	0.378	0.383	1.268	1.133	0.944	0.820	0.488	0.388	0.322	0.288	8
9	0.385	0.383	0.377	0.382	1.288	1.108	0.944	0.818	0.482	0.380	0.323	0.288	9
10	0.382	0.388	0.378	0.384	1.288	1.083	0.923	0.808	0.487	0.384	0.320	0.298	10
11	0.382	0.388	0.381	0.388	1.280	1.058	0.905	0.801	0.482	0.381	0.313	0.290	11
12	0.388	0.401	0.378	0.386	1.262	1.058	0.888	0.892	0.448	0.380	0.314	0.285	12
13	0.400	0.388	0.377	0.388	1.240	1.085	0.870	0.588	0.443	0.359	0.318	0.280	13
14	0.408	0.384	0.372	0.388	1.227	1.085	0.883	0.878	0.443	0.388	0.314	0.281	14
15	0.410	0.384	0.387	0.389	1.210	1.081	0.840	0.887	0.442	0.380	0.311	0.283	15
16	0.407	0.378	0.388	0.372	1.187	1.048	0.833	0.881	0.438	0.383	0.308	0.288	16
17	0.408	0.377	0.382	0.370	1.184	1.028	0.820	0.884	0.438	0.380	0.303	0.282	17
18	0.410	0.380	0.382	0.372	1.180	1.010	0.808	0.888	0.430	0.388	0.301	0.277	18
19	0.412	0.383	0.384	0.378	1.151	0.988	0.783	0.882	0.428	0.382	0.304	0.274	19
20	0.407	0.388	0.383	0.380	1.188	0.978	0.780	0.881	0.421	0.383	0.311	0.270	20
21	0.410	0.388	0.384	0.387	1.185	0.882	0.788	0.870	0.418	0.380	0.304	0.270	21
22	0.408	0.378	0.384	0.411	1.181	1.018	0.784	0.884	0.411	0.381	0.298	0.272	22
23	0.410	0.378	0.384	0.458	1.148	1.087	0.737	0.858	0.408	0.381	0.288	0.277	23
24	0.402	0.382	0.388	0.520	1.132	1.078	0.728	0.848	0.404	0.348	0.287	0.283	24
25	0.408	0.388	0.370	0.822	1.188	1.088	0.718	0.842	0.400	0.380	0.300	0.288	25
26	0.410	0.388	0.370	0.738	1.218	1.091	0.701	0.848	0.388	0.347	0.288	0.278	26
27	0.409	0.378	0.387	0.621	1.254	1.104	0.888	0.837	0.393	0.348	0.287	0.282	27
28	0.411	0.378	0.388	0.680	1.268	1.113	0.873	0.833	0.392	0.337	0.295	0.284	28
29	0.408		0.388	0.818	1.278	1.107	0.886	0.824	0.388	0.334	0.293	0.277	29
30	0.408		0.370	0.888	1.272	1.100	0.887	0.818	0.380	0.330	0.288	0.277	30
31	0.407		0.388		1.288		0.888	0.814		0.328		0.284	31
MEAN	0.403	0.388	0.378	0.478	1.182	1.088	0.848	0.884	0.440	0.388	0.308	0.284	MEAN
MAX	0.412	0.401	0.381	0.888	1.278	1.267	1.080	0.883	0.508	0.388	0.323	0.300	MAX
MIN	0.388	0.378	0.382	0.382	0.888	0.878	0.888	0.814	0.388	0.328	0.293	0.270	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 0.583
MAXIMUM DAILY, 1.278 ON MAY 29
MINIMUM DAILY, 0.270 ON DEC 20
MAXIMUM INSTANTANEOUS,
1.278 AT 20:30 CST ON MAY 29

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 21 18 N
LONG 94 28 33 W

SAUBLE RIVER ABOVE TARA - STATION NO. 02FA005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.281	1.545	0.971	1.413	0.988	0.831	0.812	0.873	0.928	1.048	1.134	1.230	1
2	1.183	1.588	0.981	1.318	0.984	0.832	0.804	0.888	0.937	1.058	1.144	1.183	2
3	1.132	1.553	0.971	1.288	0.982	0.830	0.884	0.882	0.940	1.053	1.158	1.157	3
4	1.113	1.521	0.981	1.321	0.980	0.833	0.888	0.911	0.948	1.044	1.156	1.132	4
5	1.098	1.137	0.967	1.320	0.986	0.834	0.882	0.928	0.951	1.044	1.158	1.111	5
6	1.088	1.088	0.987	1.270	0.982	0.826	0.877	0.926	0.957	1.051	1.171	1.100	6
7	1.080	1.044	1.000	1.243	0.989	0.818	0.872	0.921	0.967	1.047	1.166	1.088	7
8	1.438	1.023	0.998	1.208	1.038	0.814	0.869	0.922	0.973	1.055	1.155	1.080	8
9	1.404	0.995	0.992	1.188	1.072	0.815	0.885	0.922	0.988	1.068	1.151	1.073	9
10	1.388	0.987	0.988	1.143	1.088	1.118	0.881	0.927	0.985	1.078	1.163	1.068	10
11	1.348	1.000	0.988	1.121	1.028	1.118	0.880	0.923	0.977	1.083	1.184	1.083	11
12	1.387	1.008	0.988	1.112	1.033	1.080	0.888	0.918	0.980	1.088	1.188	1.088	12
13	1.422	1.011	0.984	1.142	1.100	1.017	0.858	0.917	0.981	1.087	1.181	1.080	13
14	1.343	1.014	0.988	1.147	1.078	0.987	0.883	0.913	0.980	1.090	1.153	1.048	14
15	1.284	1.018	1.888	1.182	1.058	0.985	0.850	0.913	0.986	1.107	1.173	1.043	15
16	1.233	1.020	1.812	1.183	1.038	0.984	0.883	0.914	0.993	1.122	1.202	1.041	16
17	1.185	1.008	1.871	1.127	1.020	1.002	0.851	0.911	0.988	1.130	1.184	1.040	17
18	1.158	1.001	1.432	1.110	1.003	1.013	0.849	0.898	0.988	1.128	1.168	1.038	18
19	1.183	0.988	1.413	1.088	0.989	0.992	0.847	0.885	1.008	1.123	1.178	1.037	19
20	1.147	0.894	1.380	1.084	0.981	1.084	0.847	0.898	1.012	1.127	1.208	1.033	20
21	1.128	0.883	1.285	1.048	0.985	1.118	0.841	0.908	1.028	1.128	1.248	1.027	21
22	1.104	0.888	1.238	1.034	0.988	1.070	0.840	0.907	1.038	1.131	1.217	1.031	22
23	1.084	0.880	1.201	1.018	0.985	1.038	0.844	0.904	1.034	1.130	1.180	1.034	23
24	1.088	0.885	1.188	1.008	0.889	1.028	0.849	0.893	1.034	1.138	1.174	1.033	24
25	1.088	0.895	1.284	1.002	0.858	1.001	0.852	0.888	1.041	1.134	1.162	1.031	25
26	1.083	0.891	1.881	0.995	0.884	0.973	0.881	0.888	1.038	1.133	1.180	1.027	26
27	1.114	0.887	2.174	0.988	0.885	0.953	0.889	0.888	1.040	1.130	1.188	1.028	27
28	1.128	0.884	2.781	0.883	0.847	0.942	0.873	0.904	1.040	1.128	1.347	1.024	28
29	1.185		2.838	0.978	0.837	0.931	0.872	0.913	1.040	1.128	1.285	1.018	29
30	1.338		1.894	0.972	0.828	0.922	0.878	0.913	1.038	1.132	1.253	1.018	30
31	1.444		1.821		0.832		0.871	0.918		1.138		1.028	31
MEAN	1.211	1.040	1.384	1.132	0.985	0.987	0.884	0.907	0.988	1.100	1.184	1.084	MEAN
MAX	1.444	1.588	2.781	1.413	1.100	1.118	0.912	0.927	1.041	1.138	1.347	1.230	MAX
MIN	1.088	0.884	0.981	0.972	0.828	0.814	0.840	0.873	0.928	1.044	1.134	1.018	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 1.074
MAXIMUM DAILY, 2.781 ON MAR 28
MINIMUM DAILY, 0.840 ON JUL 22
MAXIMUM INSTANTANEOUS,
2.843 AT 02:24 EST ON MAR 28

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 27 44 N
LONG 81 08 58 W

NATURAL FLOW

DRAINAGE AREA,
333 km²

SAUBLE RIVER AT ALLENFORD - STATION NO. 02FA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.008	22.9 B	1.868	14.4	1.53	1.04	0.888E	0.217	0.142	0.077	0.182	4.58 B	1
2	8.208	11.7 B	1.838	11.0	1.48	1.06	0.824E	0.188	0.138	0.073	0.167	3.70 B	2
3	4.858	8.048	1.818	10.3	1.48	1.05	0.838E	0.185	0.150	0.048	0.088	2.86 B	3
4	4.208	5.398	1.818	11.3	1.43	1.08	0.783E	0.205	0.153	0.048	0.098	2.40 B	4
5	4.018	4.018	1.838	11.8	1.41	1.08	0.880E	0.325	0.128	0.058	0.132	2.02 B	5
6	3.818	3.198	1.878	9.83	1.48	1.02	0.838E	0.268	0.108	0.080	0.188	1.88 B	6
7	3.528	2.808	1.728	8.84	1.78	0.927	0.887E	0.268	0.108	0.077	0.288	1.47 B	7
8	18.1 B	2.608	1.698	7.87	2.42	0.858	0.841E	0.247	0.124	0.108	0.332	1.32	8
9	17.8 B	2.508	1.858	8.35	3.13	0.857	0.845E	0.236	0.188	0.118	0.334	1.23	9
10	12.0 B	2.408	1.828	9.38	2.88	4.18	0.832E	0.237	0.267	0.144	0.312	1.18	10
11	10.4 B	2.328	1.598	4.86	2.38	5.51	0.488E	0.214	0.218	0.184	0.318	1.12	11
12	9.858	2.288	1.578	4.60	2.48	3.52	0.472E	0.218	0.187	0.170	0.218	1.08	12
13	13.1 B	2.218	1.558	5.35	3.74	2.36 E	0.453E	0.187	0.136	0.160	0.317	0.948	13
14	10.9 B	2.288	1.608	5.89	3.58	1.86 E	0.437E	0.180	0.138	0.188	0.322	0.905	14
15	8.808	2.118	22.9 B	7.13	2.98	1.85 E	0.423E	0.184	0.130	0.235	0.363	0.884	15
16	8.928	2.058	40.8 B	8.43	2.58	1.43 E	0.408E	0.171	0.116	0.282	0.803	0.825	16
17	8.238	2.008	28.2 B	8.12	2.26	1.87 E	0.388E	0.147	0.112	0.288	0.870	0.8088	17
18	6.988	1.988	16.0 B	6.48	2.01	1.78 E	0.374E	0.148	0.122	0.258	0.850	0.7848	18
19	6.778	1.828	12.2 B	3.91	1.80	1.84 E	0.381E	0.140	0.138	0.224	0.748	0.7718	19
20	6.448	1.898	9.748	3.40	1.70	1.87 E	0.382E	0.148	0.131	0.618	0.9308	0.7828	20
21	6.198	1.848	8.888	2.99	2.01	1.81 E	0.340E	0.218	0.120	0.280	1.87 B	0.7808	21
22	5.888	1.808	8.908	2.88	2.21	2.09 E	0.327E	0.231	0.130	0.170	2.03 B	0.7448	22
23	5.788	1.788	8.088	2.40	1.83	2.42 E	0.306E	0.226	0.118	0.132	1.30 B	0.7318	23
24	5.808	1.758	8.498	2.22	1.84	2.18 E	0.287E	0.200	0.128	0.081	1.06 B	0.7238	24
25	5.528	1.728	8.14	2.07	1.45	1.78 E	0.280A	0.183	0.124	0.085	0.894	0.7048	25
26	5.468	1.718	18.4	1.96	1.38	1.61 E	0.282	0.161	0.083	0.148	0.878	0.7298	26
27	5.858	1.698	54.8	1.83	1.30	1.47 E	0.268	0.121	0.070	0.138	0.884	0.7178	27
28	6.048	1.688	93.5	1.73	1.28	1.32 E	0.221	0.102	0.077	0.108	7.50	0.7088	28
29	6.388		72.2	1.65	1.16	1.20 E	0.217	0.107	0.077	0.382	7.38 B	0.7018	29
30	11.3 B		40.3	1.58	1.08	1.10 E	0.213	0.148	0.078	0.328	4.78 B	0.7048	30
31	18.2 B		22.7		1.03		0.217	0.145		0.223		0.7448	31
TOTAL	219.65	100.52	488.84	188.84	80.81	83.809	14.228	8.044	3.803	8.212	38.369	38.108	TOTAL
MEAN	7.08	3.59	15.8	5.83	1.88	1.78	0.459	0.195	0.130	0.188	1.21	1.28	MEAN
MAX	17.8	22.9	93.5	14.4	3.74	5.51	0.888	0.325	0.267	0.618	7.50	4.58	MAX
MIN	3.48	1.68	1.85	1.58	1.03	0.858	0.213	0.102	0.070	0.048	0.088	0.701	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.28
MAXIMUM DAILY, 93.5 ON MAR 28
MINIMUM DAILY, 0.048 ON OCT 3
MAXIMUM INSTANTANEOUS,
107 AT 00:15 EST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 32 06 N
LONG 81 10 41 W
DRAINAGE AREA, 301 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 000	JUL	1 230
FEB	8 880	AUG	822
MAR	42 200	SEP	337
APR	14 600	OCT	450
MAY	5 260	NOV	3 140
JUN	4 830	DEC	3 380

TOTAL DISCHARGE, 103 000 dam³

SAUBLE RIVER AT SAUBLE FALLS - STATION NO. 02FA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	35.8	38.6	8.45	68.2	11.1	3.67	2.88	1.20	1.12	0.575	1.78	8.88	1
2	28.0	30.7	8.24	55.1	10.4	3.78	2.78	1.20	1.03	0.567	1.77	8.28	2
3	22.5	22.6	8.07	48.2	9.00	3.82	2.81	1.20	0.803	0.588	1.78	8.40	3
4	21.1	19.8	8.00	48.5	8.28	4.07	2.48	1.17	0.688	0.550	1.68	7.31	4
5	20.8	17.7	8.18	47.8	8.10	3.78	2.38	1.17	0.681	0.555	1.68	7.34	5
6	20.0	18.2	8.28	44.7	8.08	3.58	2.27	1.18	0.682	0.557	1.80	7.30	6
7	19.5	16.3	7.88	41.8	8.84	3.38	2.18	1.13	0.712	0.550	1.82	8.82	7
8	37.2	14.3	7.84	38.3	7.03	3.18	2.07	1.05	0.788	0.571	1.80	8.84	8
9	34.4	13.0	7.77	35.2	7.82	3.88	1.88	0.948	0.835	0.881	1.82	8.88	9
10	28.8	13.0	7.75	32.7	7.47	7.12	1.87	0.868	1.03	0.801	1.88	8.48	10
11	27.4	12.7	7.83	30.6	8.88	8.88	1.82	0.858	1.05	0.870	1.78	8.38	11
12	27.4	12.6	7.58	28.4	7.20	8.40	1.73	0.823	0.857	0.843	1.88	8.18	12
13	30.8	12.4	7.80	27.2	6.38	8.88	1.67	0.808	0.780	0.818	1.80	8.05	13
14	29.4	12.5	7.68	26.5	6.82	8.88	1.83	0.827	0.788	0.851	1.82	8.82	14
15	26.7	13.2	26.7	27.5	7.78	8.00	1.87	0.884	0.758	0.760	2.14	8.82	15
16	24.4	12.1	48.4	26.8	7.14	8.04	1.81	0.870	0.713	0.882	2.88	8.88	16
17	22.7	11.8	42.4	24.3	6.58	8.20	1.45	0.813	0.888	1.70	2.82	8.70	17
18	21.8	10.8	28.8	23.1	6.08	8.71	1.41	0.781	0.858	2.88	2.84	8.72	18
19	21.1	10.7	24.3	21.8	8.88	8.88	1.41	0.781	0.816	2.43	2.88	8.88	19
20	20.7	10.8	23.1	20.8	8.80	8.78	1.40	0.788	0.800	2.37	3.88	8.88	20
21	18.2	10.2	21.2	19.3	8.43	8.37	1.37	0.787	0.888	2.34	4.33	8.48	21
22	18.8	10.1	18.8	18.1	8.48	8.88	1.38	0.781	0.878	2.38	8.03	8.38	22
23	17.8	8.84	18.8	17.1	8.18	8.42	1.33	0.783	0.881	3.20	4.73	8.27	23
24	17.4	8.28	18.8	18.8	8.82	8.88	1.33	0.734	0.820	3.20	4.21	8.27	24
25	18.1	8.00	21.1	18.4	8.13	8.38	1.32	0.708	0.814	1.88	3.87	8.24	25
26	18.8	8.02	28.7	16.8	4.82	4.80	1.31	0.884	0.825	1.77	3.82	8.28	26
27	17.2	8.88	48.1	15.4	4.88	4.32	1.30	0.871	0.841	1.73	4.04	8.30	27
28	17.4	8.48	88.8	12.8	4.48	3.83	1.30	0.882	0.834	1.72	8.78	8.28	28
29	18.2		144	12.7	3.88A	3.80	1.28	0.868	0.888	1.88	13.7	8.20	29
30	23.1		133	12.3	3.81A	3.19	1.24	0.888	0.885	1.88	10.8	8.17	30
31	28.8		80.8		3.83		1.21	0.873		1.77		8.38	31
TOTAL	708.7	382.32	941.28	889.8	202.47	184.08	53.48	27.058	21.800	40.820	104.72	193.81	TOTAL
MEAN	22.8	14.0	30.4	28.0	8.53	8.14	1.73	8.873	0.717	1.31	3.49	8.22	MEAN
MAX	38.4	38.8	144	88.2	11.1	8.88	2.88	1.20	1.12	2.88	13.7	8.88	MAX
MIN	18.1	8.48	7.88	12.3	3.81	3.19	1.21	0.882	0.814	0.880	1.88	8.17	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.2
MAXIMUM DAILY, 144 ON MAR 29
MINIMUM DAILY, 0.814 ON SEP 26
MAXIMUM INSTANTANEOUS,
148 AT 11:38 EST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 40 10 N
LONG 81 15 10 W
DRAINAGE AREA, 827 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	61 300	JUL	4 620
FEB	33 900	AUG	2 340
MAR	81 300	SEP	1 880
APR	75 200	OCT	3 500
MAY	17 800	NOV	9 050
JUN	13 300	DEC	15 700

TOTAL DISCHARGE, 321 000 dam³

SAUGEEN RIVER ABOVE DURHAM - STATION NO. 02FC018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.808	6.008	1.238	18.3	2.76	2.38	1.38	0.205	0.416	0.884	1.04	6.48	1
2	6.808	6.208	1.228	13.4	2.88	2.48	1.18	0.207	0.411	0.897	1.13	4.84	2
3	6.808	6.008	1.218	13.1	2.85	2.28	1.04	0.215	0.408	0.818	1.24	4.408	3
4	6.108	6.808	1.368	18.1	2.73	2.54	0.848	0.207	0.384	0.805	1.28	4.128	4
5	3.808	3.808	1.408	18.2	2.89	2.34	0.894	0.388	0.380	0.810	1.27	3.868	5
6	3.408	3.308	1.518	14.9	3.40	2.10	0.834	0.338	0.388	0.887	1.47	3.308	6
7	3.208	2.808	1.748	13.5	4.13	1.72	0.788	0.318	0.382	0.714	1.78	3.138	7
8	3.508	2.508	1.498	11.8	5.21	1.43	0.677	0.308	0.388	0.717	1.98	2.878	8
9	5.208	2.258	1.418	9.54	6.74	1.40	0.825	0.288	0.811	0.728	2.21	2.778	9
10	9.408	2.108	1.388	7.70	7.11	2.82	0.587	0.304	0.780	0.828	2.84	2.598	10
11	6.808	2.028	1.388	6.84	6.57	3.48	0.538	0.284	0.888	1.12	2.52	2.428	11
12	7.208	1.848	1.328	6.86	6.94	2.88	0.488	0.307	0.540	1.13	2.48	2.218	12
13	8.208	2.018	1.308	8.54	13.0	2.18	0.448	0.483	0.514	1.03	2.21	2.038	13
14	8.208	2.038	1.408	9.70	12.8	1.78	0.427	0.844	0.480	1.18	2.14	1.788	14
15	4.808	2.008	4.848	7.38	9.38	1.84	0.387	0.424	0.492	2.78	2.48	1.888	15
16	4.208	1.908	10.0 E	6.58	7.12	1.48	0.388	0.414	0.457	3.88	8.23	1.828	16
17	3.808	1.808	8.808	6.08	6.78	1.38	0.332	0.387	0.858	3.58	7.80	1.858	17
18	3.408	1.728	7.808	7.70	4.43	1.43	0.311	0.348	0.538	3.21	5.718	1.478	18
19	3.208	1.858	6.308	6.48	3.84	1.84	0.288	0.335	0.513	1.84	4.108	1.418	19
20	2.908	1.478	5.308	6.06	3.22	2.58	0.268	0.340	0.488	1.84	5.83	1.388	20
21	2.708	1.408	4.908	5.28	4.08	5.17	0.277	0.388	0.482	1.78	9.46	1.378	21
22	3.558	1.388	4.208	4.62	4.84	7.58	0.287	0.370	0.841	1.88	8.308	1.338	22
23	2.458	1.388	4.008	4.13	3.96	11.7	0.248	0.384	0.731	1.87	8.078	1.288	23
24	2.388	1.388	4.038	3.80	3.20	11.8	0.236	0.375	0.848	1.41	4.888	1.248	24
25	2.308	1.308	4.808	3.62	2.84	8.82	0.233	0.381	0.785	1.32	4.038	1.318	25
26	2.308	1.268	4.808	3.32	2.77	5.12	0.238	0.338	0.711	1.33	3.83	1.288	26
27	2.308	1.288	15.0 E	3.18	2.82	3.08	0.232	0.322	0.885	1.17	3.80	1.268	27
28	2.358	1.248	80.0 E	3.04	2.98	2.32	0.220	0.323	0.828	1.12	8.33	1.248	28
29	2.488		115 E	2.93	2.22	1.88	0.217	0.380	0.808	1.08	10.1	1.328	29
30	2.708		78.8	2.82	2.10	1.88	0.208	0.407	0.800	1.02	9.088	1.288	30
31	3.808		31.4		2.08		0.208	0.418		1.00		1.488	31
TOTAL	128.88	73.74	393.37	238.50	145.03	100.72	15.351	10.852	15.280	40.428	124.32	70.08	TOTAL
MEAN	4.08	2.63	12.7	7.95	4.68	3.38	0.495	0.351	0.542	1.30	4.14	2.28	MEAN
MAX	9.40	9.20	115	18.3	13.0	11.8	1.38	0.844	0.848	3.88	10.1	6.48	MAX
MIN	2.30	1.24	1.21	2.82	2.08	1.38	0.208	0.208	0.380	0.884	1.04	1.22	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.71
MAXIMUM DAILY, 1158 ON MAR 29
MINIMUM DAILY, 0.208 ON AUG 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 11 06 N
LONG 80 47 13 W
DRAINAGE AREA, 328 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 000	JUL	1 330
FEB	6 370	AUG	941
MAR	34 000	SEP	1 400
APR	20 600	OCT	3 490
MAY	12 500	NOV	10 700
JUN	8 700	DEC	6 050

TOTAL DISCHARGE, 117 000 dam³

SAUGEEN RIVER NEAR PORT ELGIN - STATION NO. 02FC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	81.48	78.58	16.08	253	37.3	32.7E	25.2	10.8	11.7	10.5	13.7	77.5	1
2	86.28	72.08	16.28	161	35.9	32.7E	23.3	10.3	11.0	10.5	14.0	82.8	2
3	87.08	82.08	16.48	151	35.1	31.3E	22.1	9.88	11.0	10.8	14.5	69.5	3
4	81.08	84.08	16.58	148	34.4	34.4E	20.3	10.8	11.2	10.2	15.0	64.58	4
5	89.48	87.08	16.88	153	34.2	33.8E	19.2	11.8	10.7	10.5	19.3	61.48	5
6	98.08	80.08	16.08	144	38.0	31.0E	18.8	14.7	10.5	10.8	18.7	58.88	6
7	97.08	84.08	19.58	138	39.5	27.9E	18.8	14.8	10.1	11.4A	18.8	52.88	7
8	92.08	80.08	20.58	128	44.4	25.1E	18.0	13.3	10.1	11.1E	18.8	29.28	8
9	88.08	87.08	20.08	109	51.1	25.8A	16.9	12.7	10.4	11.1E	21.1	27.08	9
10	90.08	95.58	18.58	95.5	53.7	45.0	16.2	11.8	10.9	12.4E	22.0	24.38	10
11	84.08	84.08	16.08	83.8	50.8	82.8	15.5	11.3	15.5	15.5E	24.2	22.48	11
12	77.08	83.08	16.48	77.5	48.7	55.0	18.0	11.4	15.4	17.1E	24.5	20.98	12
13	70.08	82.08	19.08	78.4	54.2	48.0	14.5	11.0	13.5	18.0E	24.2	19.38	13
14	65.08	81.58	25.08	81.4	89.5	39.1	13.5	10.5	12.5	17.5E	22.4	18.48	14
15	60.08	82.08	60.08	87.5	71.4	33.4	13.1	11.7	12.0	24.4E	23.3	17.98	15
16	54.48	83.08	150 B	93.1	63.0	32.4	13.4	12.9	11.5	27.8E	32.3	17.28	16
17	49.98	81.48	115 B	95.8	53.0	34.4	13.2	12.0	11.0	25.3E	60.5	16.78	17
18	45.28	81.08	100 B	88.1	46.0	35.2	12.5	11.5	11.5	22.5E	66.3	16.38	18
19	42.08	80.08	85.08	83.4	40.3	36.0	12.8	11.1	12.4	20.9E	54.7	16.08	19
20	38.08	78.58	78.08	74.8	37.4	40.1	12.3	10.2	11.8	20.1E	52.8	15.78	20
21	36.08	76.08	72.08	85.8A	38.8	48.8	12.1	10.2	11.3	18.8E	74.38	15.38	21
22	35.08	75.58	66.08	89.4	44.5	47.5	12.1	10.7	10.7	18.8A	72.88	14.88	22
23	34.08	76.08	62.08	84.1	44.1	52.3	11.8	10.5	10.8	18.8	61.98	14.88	23
24	33.58	77.58	60.08	49.8	40.1	66.0	11.8	10.5	11.8	18.3	51.1	14.48	24
25	33.58	77.08	74.08	46.8	38.5A	72.7	11.3	10.4	14.0	17.9	43.8	14.18	25
26	34.08	76.88	180 B	44.5	40.8E	62.8	11.0	9.98	13.2	17.5	39.1	13.98	26
27	35.08	76.88	300 B	41.8	44.0E	47.1	11.0	9.34	12.5	16.9	37.7	13.78	27
28	37.08	76.48	453 B	40.7	39.8E	37.1	11.3	9.55	11.7	16.3	135	13.88	28
29	42.08		528	39.2	35.1E	32.0	11.1	9.87	11.2	14.8	119 B	13.58	29
30	50.08		538	37.9	31.8E	28.1	10.7	10.5	11.1	13.9	91.98	13.38	30
31	58.08		480		32.0E		10.9	11.7		14.5		19.08	31
TOTAL	1 823.9	828.6	3 620.5	2 826.3	1 382.3	1 226.6	480.8	346.32	352.9	500.8	1 289.0	767.5	TOTAL
MEAN	49.2	29.6	117	94.2	43.9	41.0	14.9	11.2	11.8	16.1	42.3	24.8	MEAN
MAX	90.0	78.6	528	253	71.4	72.7	25.2	14.7	15.5	27.8	135	77.5	MAX
MIN	33.5	18.4	16.0	37.9	31.8	28.1	10.7	9.34	10.1	10.2	13.7	13.5	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 41.3
MAXIMUM DAILY, 528 ON MAR 29
MINIMUM DAILY, 9.34 ON AUG 27
MAXIMUM INSTANTANEOUS,
537 AT 12:42 EST ON MAR 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 27 33 N
LONG 81 16 34 W
DRAINAGE AREA, 3 980 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	132 000	JUL	38 800
FEB	71 800	AUG	30 100
MAR	313 000	SEP	30 800
APR	244 000	OCT	43 300
MAY	118 000	NOV	110 000
JUN	105 000	DEC	86 300

TOTAL DISCHARGE, 1 300 000 dam³

SAUGEEN RIVER NEAR WALKERTON - STATION NO. 02FC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	35.0B	44.0B	9.88B	122	24.1	21.7	14.5	8.35	7.27	7.08	8.86	48.0 B	1
2	32.8B	40.0B	9.92B	88.4	23.4	21.6	13.3	8.31	7.71	7.04	8.87	33.7 B	2
3	27.3B	35.0B	10.3 B	80.5	22.9	20.6	12.8	8.26	7.76	7.13	10.5	28.1 B	3
4	23.4B	30.0B	10.4 B	86.1	22.4	23.3	12.1	7.27	7.10	8.85	10.6	21.0 B	4
5	22.0B	28.0B	11.0 B	83.6	22.6	23.1	11.4	10.8	8.83	7.10	10.6	19.4 B	5
6	30.4B	31.0B	12.6 B	90.4	27.2	20.9	12.0	10.1	8.80	7.07	11.6	18.2 B	6
7	31.2B	18.2B	14.1 B	88.5	28.2	18.7	11.3	8.88	8.48	7.78	13.5	17.0 B	7
8	33.0B	17.0B	13.3 B	78.5	34.8	18.7	10.2	7.87	8.52	8.11	15.9	15.8 B	8
9	84.0B	16.8B	12.2 B	86.8	39.3	18.4	9.70	7.86	8.12	8.10	16.8	14.5 B	9
10	56.0B	15.1B	11.6 B	87.5	39.0	38.2	9.49	7.44	13.9	8.88	19.1	13.7 B	10
11	84.0B	14.8B	11.2 B	90.8	34.2	38.2	8.32	7.39	11.6	11.8	20.2	12.8 B	11
12	50.0B	14.2B	11.0 B	47.8	34.2	30.8	8.74	7.25	9.88	12.7	18.3	12.4 B	12
13	47.0B	13.8B	10.4 B	46.8	30.6	25.0	8.46	7.82	8.80	11.8	16.3	11.8 B	13
14	42.0B	13.8B	10.2 B	47.7	28.8	21.5	8.11	8.32	8.38	12.8	17.2	11.5 B	14
15	37.0B	13.4B	80.4 B	53.2	51.7	18.1	8.12	9.01	7.80	18.1	18.2	11.1 B	15
16	32.0B	12.9B	103	85.7	41.8	16.8	8.08	8.82	7.38	23.4	42.8	10.7 B	16
17	28.0B	12.8B	84.3	81.8	36.8	16.2	7.81	8.17	8.07	30.2	82.1	10.3 B	17
18	26.5B	11.8B	84.2 B	88.0	28.8	16.7	7.85	7.40	8.41	18.2	53.3	10.0 B	18
19	24.0B	11.8B	84.5 B	83.0	26.0	16.0	7.83	8.47	8.07	15.8	38.3	9.78B	19
20	22.0B	11.3B	83.2 B	47.1	24.3	24.8	7.77	8.78	7.58	15.7	37.2	9.43B	20
21	21.0B	10.8B	46.0 B	41.7	30.8	37.5	7.80	8.81	7.04	14.7	55.8	9.18B	21
22	32.0B	10.7B	40.6 B	37.4	33.7	30.8	7.39	8.89	7.07	14.8	50.8 B	8.88B	22
23	21.8B	10.8B	37.3 B	33.8	28.7	27.0	7.22	8.81	8.28	14.1	41.8 B	8.78B	23
24	21.2B	10.4B	36.2 B	31.4	25.8	53.4	8.90	8.84	11.3	13.2	33.0 B	8.71B	24
25	21.0B	10.3B	85.0	28.8	22.8	51.8	8.88	8.38	10.1	13.4	28.8 B	8.80B	25
26	23.0B	10.2B	88.0	28.1	24.3	35.8	8.67	8.21	8.88	11.8	26.8 B	8.92B	26
27	23.3B	10.1B	132	26.8	29.8	28.0	7.08	8.13	8.32	11.0	25.1	8.84B	27
28	23.0B	10.0B	228	26.3	26.7	21.0	8.88	8.18	7.88	10.8	52.4	8.78B	28
29	25.0B		367	25.1	23.2	18.1	8.84	8.84	7.88	10.1	85.8	8.78B	29
30	24.0B		363	24.8	20.8	15.8	8.81	8.45	7.31	9.71	68.3 B	8.84B	30
31	35.0B		203		31.3		8.84	7.74		8.80		10.1 B	31
TOTAL	982.2	473.8	2 221.37	1 894.2	889.6	773.2	275.98	230.84	248.28	388.84	894.73	432.35	TOTAL
MEAN	30.7	16.8	71.7	88.5	31.0	25.8	8.89	7.44	8.28	11.9	28.8	13.9	MEAN
MAX	88.0	44.0	367	122	88.8	93.4	14.5	10.8	13.9	22.4	88.8	48.0	MAX
MIN	20.8	10.0	9.92	24.8	20.8	15.8	8.84	8.13	8.48	8.85	8.86	8.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.1
MAXIMUM DAILY, 367 ON MAR 29
MINIMUM DAILY, 8.13 ON AUG 27
MAXIMUM INSTANTANEOUS,
408 AT 23:33 EST ON MAR 29

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 07 13 N
LONG 81 08 55 W
DRAINAGE AREA, 2 150 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	82 300	JUL	23 800
FEB	40 800	AUG	19 800
MAR	182 000	SEP	21 500
APR	148 000	OCT	31 800
MAY	82 800	NOV	77 300
JUN	88 800	DEC	37 300

TOTAL DISCHARGE, 823 000 dam³

SCHNEIDER CREEK AT KITCHENER - STATION NO. 02GA037

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.225E	0.578	0.111	0.277	0.150	0.447	0.086	0.063	0.536	0.048	0.128	0.138	1
2	0.176E	0.208	0.108	0.207	0.243	2.38	0.088	0.071	0.101	0.188	0.201	0.088	2
3	0.138E	0.184	0.107	0.635	0.205	0.348	0.088	0.087	0.088	0.180	0.138	0.087	3
4	0.240E	0.108	0.120	1.02	0.205	0.355	0.088	0.399	0.040	0.193	0.070	0.108	4
5	0.388E	0.0828	0.136	0.472	0.484	0.137	0.102	0.089	0.124	0.220	0.082	0.143	5
6	0.310E	0.0788	0.128	0.444	0.158	0.118	0.138	0.063	0.158	0.181	0.533	0.188	6
7	0.248E	0.0788	0.120	0.300	0.122	0.192	0.147	0.085	0.152	0.102	1.08	0.144	7
8	2.70 E	0.0758	0.1188	0.228	0.184	0.102	0.077	0.107	0.188	0.071	0.214	0.142	8
9	0.740E	0.0748	0.188	0.188	0.208	0.588	0.083	0.138	0.113	0.083	0.480	0.070	9
10	0.700E	0.0738	0.300	0.204	0.313	0.838	0.128	0.134	0.088	1.88	0.181	0.042	10
11	0.480E	0.0728	0.800	0.235	0.338	0.078	0.181	0.118	0.128	0.257	0.148	0.080	11
12	0.700E	0.073	0.308	0.381	0.787	0.081	0.188	0.088	0.181	0.150	0.081	0.118	12
13	0.248A	0.124	0.187	0.342	0.183	0.080	0.188	0.042	0.148	0.132	0.053	0.116	13
14	0.180	0.488	1.41	0.320	0.131	0.083	0.148	0.102	0.187	0.088	0.873	0.123	14
15	0.1308	0.238	2.10	0.703	0.130	0.082	0.081	0.763	0.167	0.044	4.72	0.120	15
16	0.1308	0.188	0.383	0.188	0.108	0.088	0.083	0.183	0.118	0.104	1.88	0.073	16
17	0.128	0.0808	0.288	0.258	0.088	0.883	0.128	0.138	0.103	0.288	0.388	0.042	17
18	0.214	0.0648	0.232	0.288	0.087	0.180	0.182	0.134	0.138	0.185	0.171	0.080	18
19	0.200	0.0538	0.180	0.234	0.088	0.271	0.218	0.072	0.182	0.273	0.182	0.118	19
20	0.180	0.083	0.208	0.308	0.218	0.227	0.200	0.044	0.148	0.802	0.328	0.110	20
21	0.0838	0.182	0.288	0.228	0.071	0.278	0.148	0.113	0.143	0.288	0.203	0.080	21
22	0.0708	0.174	0.238	0.183	0.063	3.84	0.103	0.187	0.318	0.074	0.181	0.036	22
23	0.0888	0.142	0.388	0.133	0.248	0.233	0.048	0.181	0.203	0.107	0.148	0.0388	23
24	0.1508	0.122	0.420	0.108	0.122	0.138	0.070	0.177	0.078	0.132	0.122	0.037	24
25	0.188	0.094	2.88	0.124	0.083	0.083	0.088	0.188	0.185	0.148	0.088	0.041	25
26	1.48	0.083	1.28	0.281	0.887	0.118	0.078	0.088	0.188	0.137	0.103	0.042	26
27	0.238	0.113	0.780	0.188	0.078	0.114	0.088	0.081	0.188	0.141	0.327	0.038	27
28	0.388	0.122	2.18	0.192	0.083	0.085	0.074	0.130	0.187	0.088	0.783	0.038	28
29	0.882		1.28	0.258	0.080	0.088	0.048	0.138	0.173	0.048	0.188	0.038	29
30	0.887		0.887	0.118	1.88	0.088	0.038	0.208	0.088	0.110	0.188	0.038	30
31	0.883		0.388		1.48		0.083	0.200		0.182		1.20 B	31
TOTAL	13.312	3.988	17.898	9.303	8.828	11.801	4.008	4.482	4.890	5.388	13.738	3.888	TOTAL
MEAN	0.428	0.142	0.888	0.310	0.274	0.383	0.128	0.144	0.183	0.205	0.488	0.118	MEAN
MAX	2.70	0.578	2.88	1.02	1.88	3.84	0.888	0.783	0.838	1.88	4.72	1.20	MAX
MIN	0.083	0.083	0.107	0.108	0.083	0.088	0.038	0.042	0.040	0.044	0.081	0.038	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.278
MAXIMUM DAILY, 4.72 ON NOV 15
MINIMUM DAILY, 0.038 ON DEC 22
MAXIMUM INSTANTANEOUS,
37.6 AT 01:43 EST ON JUN 22

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 28 22 N
LONG 80 26 34 W
DRAINAGE AREA, 25.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 140	JUL	348
FEB	345	AUG	388
MAR	1 520	SEP	387
APR	804	OCT	550
MAY	748	NOV	1 180
JUN	1 020	DEC	318

TOTAL DISCHARGE, 8 780 dam³

SCHOMBERG RIVER NEAR SCHOMBERG - STATION NO. 02EC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.070B	0.080B	0.019B	0.285	0.128	0.155	0.040E	0.012E	---	---	---	---	1
2	0.082B	0.068B	0.019B	0.348	0.209	0.139	0.036E	0.011E	---	---	---	---	2
3	0.058B	0.060B	0.018B	0.376	0.277	0.121	0.031E	0.010E	---	---	---	---	3
4	0.050B	0.052B	0.018B	0.430	0.305	0.182	0.027E	0.212E	---	---	---	---	4
5	0.048B	0.048B	0.018B	0.574	0.238	0.077	0.026E	0.173E	---	---	---	---	5
6	0.043B	0.041B	0.017B	0.584	0.287	0.037	0.022E	0.100E	---	---	---	---	6
7	0.040B	0.038B	0.017B	0.569	0.234	0.465	0.021E	0.060E	---	---	---	---	7
8	0.200B	0.037B	0.017B	0.408	0.380	0.778	0.020E	0.038E	---	---	---	---	8
9	0.380B	0.034B	0.017B	0.334	0.300	0.488	0.019E	0.027E	---	---	---	---	9
10	0.250B	0.033B	0.017B	0.276	0.218	0.830	0.017A	0.022E	---	---	---	---	10
11	0.200B	0.031B	0.018B	0.231	0.238	0.383	0.018E	0.020E	---	---	---	---	11
12	0.172B	0.030B	0.018B	0.218	1.16	0.121	0.013E	---	---	---	---	---	12
13	0.156B	0.028B	0.018B	0.261	0.883	0.106	0.013E	---	---	---	---	---	13
14	0.137B	0.028B	0.525B	0.282	0.517	0.080	0.014E	---	---	---	---	---	14
15	0.127B	0.027B	4.00 B	0.291	0.348	0.067	0.015E	---	---	---	---	---	15
16	0.117B	0.026B	1.12 B	0.285	0.237	0.056	0.013E	---	---	---	---	---	16
17	0.103B	0.026B	0.365	0.259	0.180	0.077	0.010E	---	---	---	---	---	17
18	0.118	0.024B	0.280B	0.268	0.148	0.085	0.010E	---	---	---	---	---	18
19	0.108	0.024B	0.235B	0.262	0.124	0.048	0.010E	---	---	---	---	---	19
20	0.082	0.023B	0.180B	0.238	0.147	0.214	0.008E	---	---	---	---	---	20
21	0.080B	0.023B	0.145	0.208	0.244	0.197	0.010E	---	---	---	---	---	21
22	0.075B	0.022B	0.123	0.170	0.182	2.34 E	0.048E	---	---	---	---	---	22
23	0.071B	0.022B	0.184	0.142	0.108	0.834E	0.035E	---	---	---	---	---	23
24	0.067B	0.021B	0.478B	0.127	0.073	0.488E	0.025E	---	---	---	---	---	24
25	0.064B	0.021B	4.22	0.128	0.064	0.419E	0.014E	---	---	---	---	---	25
26	0.200B	0.020B	2.66	0.117	0.077	0.175E	0.018E	---	---	---	---	---	26
27	0.100B	0.020B	1.21	0.122	0.068	0.144E	0.040E	---	---	---	---	---	27
28	0.084B	0.019B	1.24	0.109	0.048	0.103E	0.070E	---	---	---	---	---	28
29	0.074B		0.885	0.097	0.033	0.080E	0.040E	---	---	---	---	---	29
30	0.180B		0.536	0.113	0.047	0.050E	0.025E	---	---	---	---	---	30
31	0.104B		0.385		0.129		0.018E	---	---	---	---	---	31
TOTAL	3.853	0.935	19.585	8.388	7.586	8.947	0.721	---	---	---	---	---	TOTAL
MEAN	0.115	0.033	0.631	0.278	0.245	0.298	0.023	---	---	---	---	---	MEAN
MAX	0.380	0.080	4.22	0.830	1.16	2.34	C.070	---	---	---	---	---	MAX
MIN	0.040	0.018	0.018	0.087	0.033	0.037	0.008	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM INSTANTANEOUS,
10.4 AT 15:10 EST ON MAR 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 00 43 N
LONG 79 41 10 W
DRAINAGE AREA, 42.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	307	JUL	82.3
FEB	78.8	AUG	---
MAR	1 690	SEP	---
APR	716	OCT	---
MAY	666	NOV	---
JUN	773	DEC	---

SECOND CONCESSION DRAIN NEAR ESSEX (CONTROL) - STATION NO. 02GH014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.045	0 B	0.030	0.003	0.248	0.002	0	0	0	0.001	0.002	1
2	---	0.014	0	0.024	0.003	0.245	0.002	0	0	0	0.001	0.002	2
3	---	0.008	0	0.289	0.003	0.287	0.002	0	0	0	0	0.001	3
4	---	0.003	0.001	0.185	0.002	0.148	0.001	0	0	0	0	0.001	4
5	---	0.0028	0.002	0.089	0.003	0.051	0.001	0.001	0	0	0	0.001	5
6	---	0.0028	0.0018	0.085	0.003	0.024	0.001	0	0	0	0	0.001	6
7	---	0.0028	0 B	0.048	0.002	0.010	0	0	0	0	0.001	0.0018	7
8	---	0.0018	0	0.031	0.001	0.006	0	0	0.001	0	0.001	0	8
9	---	0.0018	0.001	0.018	0.001	0.005	0	0	0.001	0	0.001	0.0018	9
10	0.0188	0.0018	0.001	0.009	0.001	0.003	0	0	0.001	0	0.002	0.001	10
11	0.0058	0.0018	0.003	0.008	0.001	0.002	0	0	0.001	0	0.002	0.001	11
12	0.0138	0.0018	0.003	0.008	0.001	0.002	0	0	0	0	0.001	0.0018	12
13	0.007	0.0028	0.001	0.014	0.002	0.003	0	0	0	0	0.001	0 B	13
14	0.003	0.0038	0.002	0.015	0.001	0.002	0	0	0.001	0	0.001	0 B	14
15	0.008	0.0028	0.003	0.041	0.001	0.001	0	0	0.001	0	0.012	0 B	15
16	0.003	0.0028	0.001	0.031	0.001	0.035	0	0	0.001	0	0.048	0 B	16
17	0.002	0.0028	0.001	0.083	0.001	0.014	0	0	0.008	0	0.012	0 B	17
18	0.003	0.0018	0.038	0.127	0.001	0.037	0	0	0.002	0	0.008	0 B	18
19	0.004	0.001	0.031	0.059	0.001	0.482	0.002	0	0.001	0.002	0.004	0 B	19
20	0.0048	0.001	0.018	0.037	0.002	0.226	0.853	0	0.001	0.007	0.004	0 B	20
21	0.0018	0.0028	0.015	0.031	0.002	0.030	0.084	0	0	0.007	0.002	0 B	21
22	0.001	0.0018	0.023	0.022	0.001	0.020	0.013	0	0.001	0.004	0.001	0 B	22
23	0.002	0.0018	0.022	0.018	0.001	0.013	0.005	0	0	0.002	0.001	0 B	23
24	0.002	0	0.023	0.011	0.001	0.008	0.002	0	0	0.002	0.001	0 B	24
25	0.002	0	0.018	0.014	0.020	0.008	0.001	0	0	0.001	0.001	0 B	25
26	0.080	0	0.011	0.014	0.182	0.010	0.001	0	0	0.001	0.001	0 B	26
27	0.033	0.001	0.018	0.010	0.038	0.094	0.001	0	0	0.001	0.001	0 B	27
28	0.025	0.001	0.087	0.007	0.013	0.024	0.001	0	0	0.001	0.001	0 B	28
29	0.073		0.148	0.008	0.008	0.005	0.001	0	0	0.001	0.001	0 B	28
30	0.118		0.068	0.004	0.040	0.003	B	0	0	0.001	0.002	0 B	30
31	0.072		0.048		0.573		B	0		0.001		0.0028	31
TOTAL	---	0.089	0.587	1.374	0.891	2.003	0.773	0.001	0.020	0.031	0.113	0.015	TOTAL
MEAN	---	0.004	0.019	0.048	0.029	0.067	0.025	0	0.001	0.001	0.004	0	MEAN
MAX	---	0.045	0.148	0.289	0.573	0.482	0.853	0.001	0.008	0.007	0.048	0.002	MAX
MIN	---	0	0	0.004	0.001	0.001	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.853 ON JUL 20
MINIMUM DAILY, 0 ON FEB 24
MAXIMUM INSTANTANEOUS,
3.18 AT 15:15 EST ON JUN 19

REMARKS - STATION ACTIVATED JANUARY, 1988

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 11 37 N
LONG 82 44 14 W
DRAINAGE AREA, 3.18 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	66.6
FEB	8.55	AUG	0.05
MAR	81.6	SEP	1.73
APR	118	OCT	3.86
MAY	77.0	NOV	9.75
JUN	173	DEC	1.30

SEINE RIVER AT STURGEON FALLS GENERATING STATION - STATION NO. 02FB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	47.8	50.1	41.6	42.8	48.3	101	82.8	78.3	37.2	19.1	24.1	29.2	1
2	48.4	51.7	41.2	43.8	41.8	88.8	78.3	83.3	37.0	22.2	26.3	34.8	2
3	48.4	51.7	40.2	44.2	44.8	100	70.5	48.8	37.8	35.1	40.3	38.8	3
4	44.8	52.1	40.3	46.0	44.4	95.5	88.4	41.7	40.3	38.8	40.8	37.0	4
5	49.8	51.8	42.8	42.0	56.6	96.8	48.8	34.0	42.8	42.8	40.2	21.8	5
6	45.8	48.4	39.8	46.2	78.3	87.5	46.8	27.8	43.1	38.8	22.1	18.7	6
7	48.4	51.2	39.8	46.0	73.8	92.8	40.2	14.0	23.8	34.1	22.1	18.4	7
8	48.8	48.3	39.8	40.8	89.3	88.0	43.8	21.2	21.2	31.2	22.7	20.1	8
9	47.8	50.4	38.8	39.8	74.8	88.8	40.1	21.2	28.8	22.7	22.2	19.8	9
10	48.4	48.3	42.2	41.3	74.8	38.0	38.2	18.1	25.7	21.2	28.4	20.1	10
11	48.8	50.7	38.2	39.8	78.3	83.3	39.2	15.0	26.2	21.2	19.8	21.2	11
12	48.4	51.1	37.2	37.1	78.1	72.4	44.3	12.3	38.2	28.8	18.7	19.8	12
13	48.8	47.8	37.8	38.8	82.8	101	89.3	20.1	43.4	26.8	18.7	19.1	13
14	48.8	48.8	40.0	41.8	83.8	132	89.1	22.7	43.1	22.1	20.7	18.3	14
15	48.8	50.8	48.8	38.2	87.3	118	81.7	22.7	43.4	21.2	18.4	19.8	15
16	48.3	48.1	43.3	40.8	86.4	80.8	83.1	28.2	32.8	22.7	18.3	17.3	16
17	48.8	48.8	48.8	38.1	84.8	78.4	87.8	32.8	33.8	28.0	19.8	20.7	17
18	48.8	48.2	47.8	37.8	114	86.3	87.0	22.1	26.8	38.3	17.4	19.1	18
19	44.2	44.8	47.7	21.2	110	48.2	87.4	23.7	24.1	33.4	18.1	22.1	19
20	41.0	41.3	47.7	28.4	108	20.1	83.1	41.1	23.7	38.4	18.3	18.8	20
21	48.4	43.8	47.8	25.3	101	32.8	81.1	42.1	21.3	32.8	20.1	22.8	21
22	48.3	46.8	50.8	33.3	73.0	38.4	87.8	51.7	28.8	21.2	18.3	20.1	22
23	44.3	41.9	48.8	18.8	104	44.8	87.4	48.3	38.1	22.1	23.8	18.1	23
24	48.8	38.8	48.3	43.7	107	80.2	88.4	38.0	40.8	22.7	20.1	18.7	24
25	50.3	40.3	48.3	44.8	107	84.8	87.4	21.2	35.8	22.1	21.2	18.0	25
26	52.0	40.3	43.8	48.3	108	88.8	87.0	21.2	33.7	22.1	22.1	17.3	26
27	52.1	38.4	38.7	48.8	102	88.2	87.8	22.7	28.0	22.1	18.3	20.7	27
28	52.0	40.8	40.0	48.7	103	87.0	86.4	22.3	28.4	22.7	21.2	18.8	28
29	51.4		47.8	53.8	108	83.2	72.8	37.3	22.8	22.1	20.8	17.8	29
30	48.2		43.0	48.3	107	84.7	73.4	40.7	21.2	22.1	21.2	18.4	30
31	48.7		48.1		104		78.8	37.0		22.1		19.8	31
TOTAL	1 481.8	1 309.1	1 336.0	1 204.2	2 846.8	2 208.7	1 827.0	877.8	950.3	830.8	893.8	848.9	TOTAL
MEAN	47.2	46.8	43.1	40.1	85.4	73.7	82.2	31.5	31.7	26.8	28.1	21.0	MEAN
MAX	52.1	52.1	50.8	53.8	114	132	89.1	79.3	43.4	42.8	40.8	37.0	MAX
MIN	41.0	38.4	37.2	18.8	41.8	20.1	38.2	12.3	21.3	18.1	18.1	18.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 44.4
MAXIMUM DAILY, 132 ON JUN 14
MINIMUM DAILY, 12.3 ON AUG 12

DATA CONTRIBUTED BY -
BOISE CASCADE CANADA LIMITED

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 44 40 N
LONG 82 17 05 W
DRAINAGE AREA, 5 880 km²

REGULATED SINCE 1958

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	128 000	JUL	188 000
FEB	113 000	AUG	84 500
MAR	115 000	SEP	82 100
APR	104 000	OCT	71 800
MAY	229 000	NOV	89 800
JUN	191 000	DEC	88 200

TOTAL DISCHARGE, 1 400 000 dam³

SERPENT RIVER ABOVE QUIRKE LAKE - STATION NO. 02CD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.88	2.188	1.388	3.308	9.28	2.38	2.00	0.384	0.850E	0.440E	0.838	0.830B	1
2	3.84	2.128	1.388	3.378	8.78	1.86	1.94	0.408	0.880E	0.480E	0.853	0.820B	2
3	3.82	2.108	1.378	3.80	8.30	1.87	1.88	0.388	0.820E	0.440E	0.838	0.808B	3
4	3.78	2.058	1.358	3.88	7.86	2.03	1.81	0.838	0.880E	0.414	0.897	0.800B	4
5	3.78	2.008	1.348	4.78	7.74	1.87	1.78	0.582	0.580E	0.384	1.04	0.790B	5
6	3.87	1.988	1.348	5.11	7.72	1.88	1.73	0.604	0.630E	0.535	1.45	0.780B	6
7	3.45	1.958	1.338	5.09	7.48	1.88	1.67	0.613	0.520E	0.824	1.72	0.780B	7
8	3.46	1.918	1.328	5.14	7.17	1.84	1.78	0.588	0.880E	0.777	1.88	0.770B	8
9	3.53	1.868	1.328	5.12	6.75	2.03	1.80	0.830	1.00 E	0.785	1.88	0.768B	9
10	3.41	1.848	1.318	5.05	6.43	2.22	1.80	0.882	0.900E	0.823	1.45	0.760B	10
11	3.33	1.828	1.318	4.89	6.02	2.21	1.89	0.728	0.800E	0.824	1.38	0.758B	11
12	3.28	1.798	1.308	4.83	5.88	2.05	1.81	0.744	0.700E	0.880	1.27	0.760B	12
13	3.27	1.758	1.308	4.78	5.86	1.89	1.48	0.718	0.820E	0.803	1.18	0.740B	13
14	3.21	1.728	1.328	4.70	5.40	1.88	1.27	0.872	0.870E	0.439	1.18	0.738B	14
15	3.11	1.888	1.388	4.86	5.26	2.10	0.896	0.743	0.840E	0.448	1.13	0.730B	15
16	3.08	1.668	1.888	5.07	5.10	2.48	0.835	0.788	0.820E	0.809	1.18	0.720B	16
17	2.94	1.638	1.668	6.24	4.89	3.38	0.864	0.747	0.800E	0.821	1.16	0.710B	17
18	2.908	1.618	1.628	7.80	4.67	3.66	0.838	0.709	0.480E	0.822	1.14	0.705B	18
19	2.888	1.598	1.608	8.24	4.52	3.44	0.805	0.633	0.480E	0.811	1.08	0.700B	19
20	2.808	1.588	1.588	8.08	4.81	3.18	0.862	0.591	0.500E	0.834	0.891	0.888B	20
21	2.768	1.538	1.568	8.13	4.88	3.00	0.824	0.881	0.480E	0.828	0.877	0.880B	21
22	2.888	1.518	1.538	8.17	4.66	2.88	0.898	0.573	0.480E	0.784	0.848	0.860B	22
23	2.628	1.498	1.518	8.09	4.33	2.88	0.838	0.610E	0.460E	0.843	0.820B	0.875B	23
24	2.678	1.478	1.508	7.96	4.08	2.87	0.490	0.850E	0.440E	0.853	0.900B	0.870B	24
25	2.518	1.458	1.498	8.19	4.01	2.77	0.448	0.820E	0.430E	0.845	0.880B	0.885B	25
26	2.488	1.438	1.488	8.69	4.00	2.82	0.401	0.890E	0.480E	0.838	0.880B	0.880B	26
27	2.408	1.428	1.868	9.36	3.75	2.83	0.408	0.870E	0.490E	0.809	0.870B	0.888B	27
28	2.368	1.418	2.308	9.73	3.42	2.38	0.416	0.880E	0.520E	0.740	0.880B	0.880B	28
29	2.318		3.458	9.81	3.10	2.24	0.435	0.870E	0.510E	0.708	0.850B	0.848B	29
30	2.278		3.408	9.10	2.81	2.08	0.417	0.890E	0.490E	0.885	0.840B	0.840B	30
31	2.328		3.358		2.82		0.413	0.810E		0.724		0.835B	31
TOTAL	94.42	48.64	81.35	191.08	171.34	73.21	33.101	18.894	17.180	19.138	32.894	22.408	TOTAL
MEAN	3.06	1.73	1.88	8.37	8.63	2.44	1.07	0.813	0.572	0.817	1.10	0.723	MEAN
MAX	3.88	2.18	3.45	9.73	9.28	3.88	2.00	0.788	1.00	0.853	1.72	0.830	MAX
MIN	2.32	1.41	1.30	3.30	2.81	1.94	0.401	0.394	0.430	0.384	0.838	0.838	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.12
MAXIMUM DAILY, 9.73 ON APR 28
MINIMUM DAILY, 0.384 ON OCT 6
MAXIMUM INSTANTANEOUS,
10.1 AT 12:32 EST ON MAY 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 31 00 N
LONG 82 37 00 W
DRAINAGE AREA, 157 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 180	JUL	2 860
FEB	4 150	AUG	1 840
MAR	4 440	SEP	1 480
APR	18 800	OCT	1 850
MAY	14 800	NOV	2 850
JUN	8 330	DEC	1 940

TOTAL DISCHARGE, 68 800 dam³

SERPENT RIVER AT HIGHWAY NO. 17 - STATION NO. 02CD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	29.6	17.2B	10.2 B	26.9B	55.5	21.1	13.5	3.57	1.55	0.768	0.812	4.90B	1
2	28.5	16.9B	10.1 B	29.1B	53.8	20.8	13.0	3.43	1.51	0.785	0.842	5.00B	2
3	28.5	16.8B	10.0 B	32.5	52.0	20.4	12.8	3.38	1.48	0.762	0.871	5.10B	3
4	27.5	15.2B	9.80B	38.3	50.2	19.7	12.7	3.84	1.40	0.744	0.734	5.25B	4
5	27.3	16.0B	9.70B	48.0	47.7	18.8	12.4	3.88	1.36	0.789	0.832	5.35B	5
6	26.5	15.7B	9.70B	56.2	45.0	18.1	11.9	3.40	1.32	0.802	1.47	5.40B	6
7	26.0	15.3B	9.60B	52.3	45.7	17.6	11.4	3.42	1.31	0.810	1.71	5.40B	7
8	25.6	15.1B	9.50B	54.0	44.6	16.6	10.9	3.52	1.40	0.777	1.54	5.38B	8
9	27.0	14.8B	9.40B	53.5	43.5	16.6	10.4	3.50	1.51	0.735	1.44	5.30B	9
10	27.0	14.5B	9.30B	51.8	41.5	16.2	10.0	3.38	1.81	0.728	1.44	5.40B	10
11	25.4	14.2B	9.30B	56.8	40.4	15.8	9.55	3.12	1.56	0.705	1.40	5.40B	11
12	26.3	14.0B	9.20B	58.2	37.7	15.5	9.02	2.86	1.43	0.893	1.42	5.35B	12
13	25.4	13.8B	9.10B	54.0	37.2	15.1	8.38	2.84	1.39	0.871	1.43	5.30B	13
14	25.0	13.4B	9.20B	52.4	35.9	14.7	8.14	2.42	1.31	0.848	1.46	5.25B	14
15	24.4	13.2B	10.0 B	51.7	35.0	14.8	7.48	2.34	1.29	0.818	1.67	5.22B	15
16	23.8	13.0B	10.3 B	52.8	33.9	15.5	6.84	2.28	1.30	0.851	2.06	5.28B	16
17	23.3	12.8B	10.4 B	59.6	32.6	16.4	6.54	2.17	1.28	0.868	2.43	5.20B	17
18	23.2	12.6B	10.4 B	70.4	31.4	20.5	6.28	2.09	1.54	0.834	2.98	5.18B	18
19	22.8	12.3B	10.3 B	73.7	30.5	22.3	6.09	2.02	2.26	0.817	3.28	5.10B	19
20	22.5	12.1B	10.3 B	72.6	30.2	23.0	5.85	1.98	2.21	0.893	3.48	5.08B	20
21	22.2	11.9B	10.2 B	70.2	29.5	22.8	5.61	1.90	1.98	0.819	3.83	5.00B	21
22	21.8	11.8B	10.1 B	66.4	28.0	22.1	5.37	1.95	1.73	0.823	3.73	4.98B	22
23	21.2	11.6B	9.90B	66.5	28.0	21.4	5.15	2.06	1.62	0.815	3.81	4.97B	23
24	20.6	11.4B	9.80B	64.9	27.0	20.5	4.93	1.94	1.36	0.802	3.98	4.97B	24
25	20.1	11.3B	9.80B	64.0	26.4	19.6	4.74	1.84	1.22	0.598	4.12	5.00B	25
26	19.7B	11.0B	10.0 B	63.7	25.5	18.7	4.54	1.75	1.08	0.889	4.30	5.15B	26
27	19.2B	10.8B	10.6 B	64.9	24.8	19.1	4.32	1.70	0.884	0.889	4.48	5.20B	27
28	18.8B	10.6B	12.5 B	63.7	23.8	15.7	4.16	1.67	0.884	0.893	4.80 B	5.19B	28
29	18.3B		16.7 B	60.0	22.0	14.8	3.97	1.62	0.829	0.801	4.77 B	5.10B	29
30	18.0B		20.5 B	56.8	22.1	14.0	3.83	1.57	0.783	0.802	4.83 B	5.07B	30
31	17.8B		24.2 B		21.8		3.70	1.59		0.894		5.18B	31
TOTAL	736.4	380.0	340.10	1 728.2	1 105.0	550.3	243.69	78.61	42.310	20.807	75.021	160.62	TOTAL
MEAN	23.8	13.6	11.0	57.6	35.6	18.3	7.86	2.54	1.41	0.671	2.50	5.18	MEAN
MAX	29.6	17.2	24.2	73.7	55.5	23.0	13.5	3.84	2.26	0.810	4.83	5.40	MAX
MIN	17.8	10.5	9.10	26.9	21.8	14.0	3.70	1.57	0.783	0.893	0.812	4.90	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.0
MAXIMUM DAILY, 73.7 ON APR 19
MINIMUM DAILY, 0.893 ON OCT 20
MAXIMUM INSTANTANEOUS,
74.0 AT 09:07 EST ON APR 19

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 12 47 N
LONG 82 30 33 W
DRAINAGE AREA, 1 350 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	63 800	JUL	21 000
FEB	32 800	AUG	6 780
MAR	28 400	SEP	3 680
APR	148 000	OCT	1 800
MAY	95 500	NOV	6 480
JUN	47 500	DEC	13 900

TOTAL DISCHARGE, 471 000 dam³

SERPENT RIVER AT OUTLET OF DUNLOP LAKE - STATION NO. 02CD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.92	1.49	0.885	1.24	5.52	0.819	1.09	0.021E	0.015E	0.002	0.012E	0.007E	1
2	2.94	1.47	0.851	1.32	5.60	0.870E	1.05	0.021E	0.018E	0.004	0.018E	0.007E	2
3	2.85	1.42	0.831	1.44	5.50	0.900E	1.05	0.020E	0.014E	0.003	0.018E	0.007E	3
4	2.74	1.40	0.868	1.64	5.34	0.920E	1.03	0.018E	0.012E	0.002	0.021E	0.008E	4
5	2.63	1.36	1.01	1.88	5.26	0.940E	1.01	0.010E	0.011E	0.002	0.023E	0.008E	5
6	2.50	1.33	0.972	2.05	5.23	0.950E	1.00	0.014E	0.010E	0.007	0.026E	0.008E	6
7	2.48	1.31	0.939	2.24	5.08	0.952A	0.982	0.018E	0.009E	0.007	0.030E	0.008E	7
8	2.60	1.28	0.919	2.36	4.90	0.902	0.922E	0.011E	0.008	0.025E	0.008E	8
9	2.50	1.29	0.898	2.57	4.87	1.01	0.884	0.024E	0.018E	0.013	0.020E	0.008E	9
10	2.46	1.28	0.888	2.85	4.42	1.09	0.791E	0.020E	0.027E	0.011E	0.013E	0.008E	10
11	2.39	1.23	0.858	2.72	4.18	1.04	0.898	0.018E	0.025E	0.008E	0.010E	0.008E	11
12	2.41	1.24	0.849	2.76	4.02	0.882	0.863	0.013E	0.022E	0.008E	0.007E	0.008E	12
13	2.30	1.21	0.851	2.76	3.83	0.894	0.477	0.012E	0.020E	0.004E	0.005A	0.008E	13
14	2.22	1.21	0.857	2.88	3.78	1.01	0.150E	0.018E	0.017E	0.004E	0.004E	0.008E	14
15	2.15	1.18	1.05	2.98	3.87	1.13	0.100E	0.022E	0.018E	0.003E	0.004E	0.008E	15
16	2.08	1.18	1.07	3.87	3.53	1.41	0.080E	0.023E	0.013E	0.003E	0.010E	0.008E	15
17	2.05	1.15	1.07	3.31	3.41	1.71	0.068E	0.023E	0.011E	0.005E	0.008E	0.008E	17
18	2.00	1.14	1.08	3.80	3.28	1.82	0.074E	0.022E	0.009E	0.004E	0.008E	0.008E	18
19	1.96	1.11	1.04	4.08	3.21	1.83	0.081E	0.020E	0.007E	0.005E	0.008E	0.008E	19
20	1.98	1.07	1.02	4.18	3.24	1.75	0.088E	0.018E	0.008E	0.008E	0.008E	0.008E	20
21	1.89	1.04	0.995	4.31	3.38	1.55	0.081E	0.018A	0.010E	0.012E	0.008E	0.008E	21
22	1.82	1.02	0.968	4.44	3.10	1.51	0.078E	0.018E	0.008E	0.015E	0.008E	0.008E	22
23	1.76	0.988	0.942	4.49	2.90	1.50	0.088E	0.020E	0.007E	0.017E	0.008E	0.008E	23
24	1.71	0.954	0.931	4.43	2.73	1.50	0.083E	0.019E	0.008E	0.014E	0.008E	0.008E	24
25	1.84	0.950	0.948	4.58	2.61	1.44	0.059E	0.017E	0.005E	0.011E	0.008E	0.008E	25
26	1.70	0.978	0.940	4.78	2.80	1.41	0.054E	0.015E	0.005	0.008E	0.007E	0.008E	26
27	1.65	0.948	0.949	5.00	2.43	1.40	0.020E	0.013E	0.006	0.008E	0.007E	0.008E	27
28	1.60	0.951	1.00	5.24	2.21	1.25	0.021E	0.012E	0.006	0.004E	0.007E	0.008E	28
29	1.58		1.08	5.34	2.10	1.18	0.022E	0.011E	0.005	0.004E	0.007E	0.008E	29
30	1.53		1.15	5.36	2.03	1.12	0.022E	0.012E	0.003	0.005E	0.007E	0.008E	30
31	1.52		1.20		1.29		0.022E	0.014E		0.008E		0.008E	31
TOTAL	66.63	33.167	30.275	98.78	115.12	38.699	12.781	0.642	0.352	0.212	0.393	0.189	TOTAL
MEAN	2.15	1.18	0.977	3.33	3.71	1.23	0.412	0.017	0.012	0.007	0.012	0.006	MEAN
MAX	2.94	1.49	1.20	5.36	5.60	1.83	1.09	0.024	0.027	0.017	0.030	0.007	MAX
MIN	1.52	0.948	0.848	1.24	1.29	0.819	0.020	0.010	0.003	0.002	0.004	0.008	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.09
MAXIMUM DAILY, 5.60 ON MAY 2
MINIMUM DAILY, 0.002 ON OCT 1
MAXIMUM INSTANTANEOUS,
5.65 AT 15:00 EST ON MAY 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 28 05 N
LONG 82 36 33 W
DRAINAGE AREA, 109 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 750	JUL	1 100
FEB	2 880	AUG	48.8
MAR	2 820	SEP	30.4
APR	6 820	OCT	16.3
MAY	9 950	NOV	30.5
JUN	3 180	DEC	16.3

TOTAL DISCHARGE, 34 200 dam³

SERPENT RIVER BELOW PECORS LAKE - STATION NO. 02CD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.8	8.75	5.53	7.70	25.5	13.6	7.30	2.40	0.770E	0.150E	0.173	1.23	1
2	15.7	8.78	5.49	7.89	25.6	13.5	7.12	2.32	0.720E	0.140E	0.168	1.31	2
3	15.6	8.67	5.47	8.33	25.2	12.9	6.90	2.25	0.670E	0.130E	0.175	1.38	3
4	15.0	8.42	5.46	9.31	25.0	12.4	6.78	2.45	0.620E	0.125E	0.186	1.38	4
5	14.4	8.24	5.44	10.8	24.9	11.9	6.63	2.42	0.580E	0.120E	0.378	1.43	5
6	14.2	8.05	5.41	11.6	25.1	11.6	6.44	2.38	0.550E	0.118E	0.676	1.43	6
7	13.9	7.78	5.43	12.4	25.2	11.2	6.17	2.06	0.530E	0.114E	0.738	1.52	7
8	13.8	7.56	5.36	12.8	25.6	10.8	5.89	1.91	0.520E	0.110E	0.774	1.47	8
9	13.7	7.63	5.19	13.1	25.3	10.8	5.89	1.81	0.510E	0.107E	0.816	1.38	9
10	13.7	7.58	5.01	13.4	24.9	10.5	5.61	1.76	0.520E	0.104E	0.864	1.38	10
11	13.5	7.54	4.97	13.4	24.2	9.95	5.36	1.70	0.600E	0.100E	0.951	1.44	11
12	13.1	7.34	4.97	13.5	23.7	9.43	5.12	1.58	0.540E	0.098E	0.926	1.49E	12
13	12.8	7.48	4.98	13.6	23.1	9.16	4.92	1.38	0.470E	0.095E	0.906	1.52E	13
14	12.5	7.42	4.81	14.0	22.8	8.87	4.71	1.40	0.410E	0.094E	0.918	1.57E	14
15	12.3	6.94	5.12	14.2	22.4	8.86	4.55	1.61	0.395E	0.092E	0.961	1.60E	15
16	12.0	6.75	5.29	14.5	22.0	9.65	4.44	1.67	0.360E	0.091E	1.20	1.66E	16
17	11.9	6.86	5.25	15.6	21.4	11.0	4.32	1.49	0.360E	0.090E	1.16	1.71E	17
18	11.6	6.49	5.14	17.0	20.7	10.9	4.22	1.36	0.350E	0.090E	1.19	1.74E	18
19	11.5	6.52	5.05	17.6	20.1	10.5	4.13	1.21	0.395E	0.089E	1.14	1.79E	19
20	11.3	6.30	5.00	18.3	19.6	10.2	4.02	1.18	0.420E	0.089E	1.23	1.82E	20
21	11.0	6.31	4.95	19.2	19.4	9.94	3.89	1.13 A	0.380E	0.089E	1.14	1.87E	21
22	10.5	6.07	4.95	19.7	18.6	9.58	3.78	1.16 E	0.310E	0.088E	1.13	1.93E	22
23	10.3	6.03	4.80	20.3	18.2	9.38	3.65	1.23 E	0.260E	0.088E	1.11	1.99E	23
24	10.2	5.82	4.77	20.8	17.7	9.24	3.60	1.14 E	0.240E	0.088A	1.13	2.03E	24
25	9.79	5.68	4.70	22.1	17.3	9.04	3.52	1.08 E	0.218E	0.085	1.13	2.07E	25
26	9.75	5.66	4.72	23.3	16.8	8.85	3.25	1.02 E	0.208E	0.087	1.15	2.12E	26
27	9.57	5.59	5.02	24.8	16.1	8.40	3.25	0.970E	0.190E	0.088	1.17	2.17E	27
28	9.46	5.56	5.69	25.7	15.4	8.03	3.08	0.940E	0.180E	0.089	1.29	2.21E	28
29	9.18		6.93	26.4	14.8	7.75	2.83	0.910E	0.170E	0.090	1.21	2.23E	29
30	8.87		7.50	26.7	14.2	7.49	2.88	0.870E	0.160E	0.094	1.24	2.26E	30
31	8.63		7.59		14.0		2.51	0.830E		0.114		2.27E	31
TOTAL	375.76	197.57	166.18	488.53	662.2	305.83	146.38	47.520	12.703	3.148	27.222	53.27	TOTAL
MEAN	12.1	7.06	5.36	16.3	21.4	10.2	4.72	1.53	0.423	0.101	0.907	1.72	MEAN
MAX	15.8	8.78	7.59	26.7	25.6	13.6	7.30	2.45	0.770	0.150	1.29	2.27	MAX
MIN	8.63	5.56	4.70	7.70	14.0	7.49	2.51	0.830	0.160	0.085	0.168	1.23	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.81
MAXIMUM DAILY, 26.7 ON APR 30
MINIMUM DAILY, 0.085 ON OCT 25
MAXIMUM INSTANTANEOUS,
27.5 AT 13:24 EST ON MAY 1

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 22 28 N
LONG 82 28 18 W
DRAINAGE AREA, 557 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	32 500	JUL	12 600
FEB	17 100	AUG	4 110
MAR	14 400	SEP	1 100
APR	42 200	OCT	272
MAY	57 200	NOV	2 350
JUN	26 400	DEC	4 610

TOTAL DISCHARGE, 215 000 dam³

SERPENT RIVER BELOW QUIRKE LAKE - STATION NO. 02CD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.70E	4.42	2.70E	3.40	16.0	6.23	3.47	0.885	0.353	0.055	0.019	0.085	1
2	7.55E	4.36	2.69E	3.63	16.1	6.02	3.35	0.853	0.338	0.057	0.015	0.084E	2
3	7.35E	4.25	2.68E	3.85	16.2	5.77	3.26	0.827	0.323	0.045	0.014	0.105E	3
4	7.20E	4.05	2.67E	4.15	16.2	5.59	3.13	0.952	0.302	0.033	0.016	0.120E	4
5	7.05E	4.00	2.66E	4.66	16.0	5.28	3.08	0.835	0.285	0.032	0.025	0.130E	5
6	6.90E	4.03	2.64E	5.13	15.9	5.04	3.01	0.856	0.254	0.035	0.040	0.145E	6
7	6.75E	3.93	2.62E	5.62	15.6	4.88	2.82	0.788	0.224	0.034	0.035	0.160E	7
8	6.60E	3.86	2.61E	5.91	15.3	4.80	2.89	0.715	0.222	0.037	0.036	0.175E	8
9	6.50E	3.80E	2.58E	6.17	14.8	4.71	2.68	0.679	0.218	0.033	0.034	0.190E	9
10	6.35E	3.73E	2.53E	6.57	14.4	4.63	2.57	0.658	0.245	0.029	0.036	0.205E	10
11	6.18A	3.69E	2.49E	6.88	13.8	4.42	2.43	0.648	0.247	0.029	0.040	0.215E	11
12	6.06	3.62E	2.46E	7.15	13.5	4.19	2.29	0.632	0.246	0.031	0.032	0.225E	12
13	6.12	3.62E	2.48E	7.38	13.0	4.02	2.22	0.611	0.225	0.029	0.031	0.237E	13
14	5.94	3.52E	2.50E	7.47	12.6	3.87	2.07	0.600	0.202	0.021	0.031	0.250E	14
15	5.79	3.45E	2.60E	7.74	12.2	3.80	1.93	0.641	0.202	0.024	0.029	0.263E	15
16	5.69	3.35E	2.67E	7.89	11.7	4.02	1.83	0.611	0.194	0.028	0.047	0.276E	16
17	5.60	3.30E	2.69E	8.53	11.2	4.29	1.75	0.585	0.182	0.027	0.051	0.289E	17
18	5.55	3.22E	2.68E	9.24	10.6	4.39	1.68	0.536	0.176	0.022	0.040	0.305E	18
19	5.47	3.17E	2.67E	9.88	10.3	4.37	1.56	0.510	0.161	0.018	0.040	0.322E	19
20	5.39	3.10E	2.65E	10.7	9.58	4.35	1.47	0.495	0.161	0.015	0.044	0.340E	20
21	5.08	3.04E	2.64E	11.2	9.91	4.31	1.43	0.478	0.154	0.015	0.045	0.352E	21
22	5.10	2.99E	2.63A	11.6	9.48	4.31	1.38	0.453	0.136	0.014	0.044	0.370E	22
23	5.13	2.93E	2.55	12.2	8.85	4.29	1.32	0.483	0.105	0.014	0.045	0.386E	23
24	4.97	2.87E	2.51	12.6	8.37	4.30	1.27	0.470	0.093	0.016	0.048	0.405E	24
25	4.85	2.82E	2.46	12.9	8.08	4.21	1.24	0.435	0.085	0.017	0.048	0.425E	25
26	4.78	2.78E	2.50	13.4	7.89	4.20	1.19	0.448	0.079	0.018	0.047	0.445E	26
27	4.76	2.75E	2.66	14.0	7.48	4.12	1.17	0.418	0.089	0.019	0.060	0.460E	27
28	4.77	2.72E	2.73	14.6	7.15	3.97	1.08	0.415	0.085	0.019	0.068	0.480E	28
29	4.68		2.87	15.3	6.83	3.82	1.04	0.404	0.082	0.019	0.082	0.500E	29
30	4.64		3.12	15.7	6.65	3.57	0.950	0.382	0.057	0.021	0.081	0.520E	30
31	4.61		3.24		6.44		0.913	0.344		0.021		0.535E	31
TOTAL	181.14	97.40	82.33	266.58	362.79	135.47	62.143	18.703	5.558	0.825	1.225	9.028	TOTAL
MEAN	5.84	3.48	2.66	8.89	11.7	4.52	2.00	0.603	0.185	0.027	0.041	0.291	MEAN
MAX	7.70	4.42	3.24	15.7	16.2	6.23	3.47	0.952	0.353	0.057	0.081	0.535	MAX
MIN	4.61	2.72	2.46	3.40	6.44	3.57	0.913	0.344	0.057	0.014	0.014	0.084	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.35
MAXIMUM DAILY, 16.2 ON MAY 3
MINIMUM DAILY, 0.014 ON OCT 22
MAXIMUM INSTANTANEOUS,
16.5 AT 11:14 EST ON MAY 3

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 29 11 N
LONG 82 28 52 W
DRAINAGE AREA, 319 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	15 700	JUL	5 370
FEB	8 420	AUG	1 620
MAR	7 100	SEP	480
APR	23 000	OCT	71.3
MAY	31 300	NOV	106
JUN	11 700	DEC	780

TOTAL DISCHARGE, 108 000 dam³

SEVERN RIVER AT BIG FALLS - STATION NO. 05EC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.01 E	14.7	2.55	2.40 E	0.200	27.0	26.4 E	2.30	13.8	15.5 E	15.2	21.3	1
2	0.898E	14.7	2.55	2.48 E	0.200	27.0	26.7 E	2.40	14.1E	14.3	15.2	21.3 E	2
3	0.875	14.7	2.55	2.55	0.200	27.0 E	27.0	1.37	14.2E	12.6	14.8	21.3 E	3
4	0.875	14.7 E	2.55 E	2.61	0.435	27.0 E	27.0	0.770	14.4E	8.68	14.9 E	21.3	4
5	0.875	14.7 E	2.55 E	3.07	0.450	27.0	27.0	0.770E	14.5	7.56	15.1 E	21.3	5
6	0.875	14.7	2.55	2.81	0.450E	27.0	26.1	0.770E	13.8	7.75	15.2	21.3	6
7	1.00 E	14.7	2.55	2.81	0.450E	26.5	26.1	1.58 E	13.8	7.61E	15.2	21.3	7
8	1.02 E	14.7	2.55	2.84 E	0.450	20.9	26.2 E	2.12	13.8	7.48E	15.2	21.3	8
9	1.05	14.6	2.55	3.07 E	0.450	12.4 E	26.2 E	8.29	13.7E	7.32E	13.7	21.3 E	9
10	1.05	14.4	2.55	3.20	7.25	9.03E	26.1	11.3	13.8E	7.17	10.7 E	21.3 E	10
11	1.05	14.4 E	2.55 E	3.20	12.1	9.03E	25.2	12.8	13.4	7.75	5.43E	21.3	11
12	0.898	14.4 E	2.55 E	2.05	12.1	8.03	24.7	12.7 E	13.4	8.38	2.69E	14.1	12
13	1.05	14.4	1.81	0.900	13.0 E	8.38	23.0	12.5 E	13.4	7.17	2.69E	8.87	13
14	1.05 E	7.48	0.886	0.900	13.8 E	8.38	21.7	12.4 E	13.4	7.43E	2.59	8.87	14
15	1.05 E	2.55	0.875	0.900E	18.4	8.38	21.5 E	12.2	13.4	7.89E	10.3	8.87	15
16	1.05	2.55	0.875	0.900E	27.2	8.38	21.2 E	12.6	13.2E	7.95	15.8	8.81E	16
17	1.05	2.55	0.875	0.900	30.2	8.38	10.8	11.7	13.0E	8.88E	15.8	8.85E	17
18	6.10	2.55E	0.875E	0.900	30.2	8.38	0.881	11.7	12.8	11.4	15.8 E	8.78	18
19	9.70	2.55E	0.875E	0.900	30.2	9.26	1.02	11.9 E	12.8	9.87	15.8 E	8.87	19
20	9.70	2.55	0.875	0.750	30.0 E	19.8	0.890	12.0 E	12.8	8.50	15.8	8.87	20
21	9.70 E	2.51	0.875	0.750	29.8 E	28.9	0.880	12.2	12.8	8.50E	12.6	8.87	21
22	9.70 E	2.55	0.875	0.750E	29.8 E	29.8	0.860E	11.7	12.8	8.23E	14.2	8.87	22
23	12.6	2.55	0.902E	0.750E	29.4	31.8	0.810E	12.8	12.8	11.0	14.2	8.87E	23
24	14.7	2.55	1.28 E	0.750	29.4	31.2 E	0.770	13.8	12.8	12.2	15.8	10.0 E	24
25	14.7	2.55E	1.28 E	0.750	29.4	30.6 E	0.770	13.8	12.8	12.2 E	17.2 E	14.2 E	25
26	14.7	2.65E	1.28	0.200	29.4	28.8	0.770	13.8 E	14.3	12.2 E	18.5 E	12.2 E	26
27	14.7	2.55	1.64 E	0.200E	29.4 E	29.8	0.770	13.8 E	15.8	13.2	19.8	14.3	27
28	14.7 E	2.55	1.80	0.200	29.4 E	29.8	0.850	13.8	16.5	12.2 E	21.3	15.8	28
29	14.7 E		2.00	0.200E	29.4 E	29.1	1.61 E	13.4	16.5	12.2 E	21.3	15.8	29
30	14.7		2.33	0.200E	29.2	28.1	2.30 E	14.1	16.5E	13.8	21.3	15.8	30
31	14.7		2.33		27.0		2.30	13.4		14.5		15.8	31
TOTAL	182.438	232.75	53.020	46.190	549.135	524.53	428.181	289.550	415.3	318.30	424.20	438.61	TOTAL
MEAN	5.21	8.31	1.71	1.61	17.7	20.8	13.8	9.66	13.8	10.2	14.1	14.1	MEAN
MAX	14.7	14.7	2.55	3.20	30.2	31.8	27.0	14.1	16.5	16.5	21.3	21.3	MAX
MIN	0.875	2.51	0.858	0.200	0.200	8.38	0.550	0.770	12.8	7.17	2.59	5.79	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.0
MAXIMUM DAILY, 31.8 ON JUN 23
MINIMUM DAILY, 0.200 ON APR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 44 26 N
LONG 79 19 41 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 800	JUL	37 000
FEB	20 100	AUG	26 900
MAR	4 580	SEP	35 900
APR	3 900	OCT	27 300
MAY	47 400	NOV	38 700
JUN	54 000	DEC	37 700

TOTAL DISCHARGE, 347 000 dam³

SEVERN RIVER AT LIMESTONE RAPIDS - STATION NO. 04CC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2070	1540	1270	1120	2200	1 380A	889	411	393	835	8650	3950	1
2	2040	1530	1270	1120	2700	1 280	881	408	384	824	8050	3850	2
3	2020	1520	1260	1110	3350	1 230	872	402	386	819	7850	3800	3
4	2000	1510	1250	1110	3850	1 170	865	397	397	809	7650	3700	4
5	1940	1500	1240	1100	450	1 130	870	388	408	808	7350	3850	5
6	1960	1490	1230	1100	902	1 100	882	381	413	817	7200	3550	6
7	1940	1480	1230	1100	880	1 070	855	376	422	847	7050	3500	7
8	1930	1470	1220	1100	841	1 040	850	372	432	857	7000	3450	8
9	1910	1460	1220	1090	788	1 010	842	365	436	858	6800	3350	9
10	1880	1450	1220	1090	843	983	830	361	444	865	6800	3300	10
11	1860	1440	1210	1090	820E	955	817	356	451	878	6600	3250	11
12	1840	1430	1210	1080	820	901	806	356	457	884	6250	3150	12
13	1830	1420	1200	1080	1 070E	882	883	356	463	911	6050	3100	13
14	1820	1400	1200	1080	1 150E	851	889	354	469	922	5900	3050	14
15	1800	1390	1190	1070	1 210E	825	858	354	475	917	5750	3000	15
16	1780	1380	1180	1070	1 300E	805	841	353	485	897	5800	2960	16
17	1760	1360	1170	1070	1 380E	778	827	353	491	881	5650	2920	17
18	1740	1370	1170	1070	1 430E	748	812	353	506	861	5300	2880	18
19	1730	1360	1160	1070	1 500E	724	801	355	583	835	5200	2820	19
20	1720	1350	1150	1060	1 570E	703	488	352	526	821	5100	2770	20
21	1700	1340	1150	1060	1 640E	690	477	353	580	806	4850	2730	21
22	1690	1330	1150	1060	1 700E	682	488	352	764	790	4650	2680	22
23	1680	1330	1140	1060	1 740E	730	469	353	874	770	4700	2630	23
24	1670	1320	1140	1060	1 740E	781	452	358	841	755	4800	2590	24
25	1660	1310	1140	1060	1 730E	808	444	359	854	745	4500	2540	25
26	1640	1300	1140	1100	1 710E	787	451	359	852	732	4450	2510	26
27	1610	1290	1130	1150	1 690E	767	445	381	841	729	4300	2470	27
28	1600	1280	1130	1300	1 650E	772	439	389	912	795	4200	2430	28
29	1580		1130	1550	1 590E	744	433	392	885	885	4100	2400	29
30	1570		1120	1640	1 510E	718	424	392	859	938	4050	2380	30
31	1550		1120		1 440E		417	392		982		2330	31
TOTAL	5 857	3 938	3 875	3 403	35 635	27 103	17 030	11 484	17 883	26 065	17 590	9 384	TOTAL
MEAN	179	141	119	113	1 150	903	549	371	596	841	586	302	MEAN
MAX	207	184	127	184	1 740	1 380	889	411	854	982	885	395	MAX
MIN	155	128	112	108	220	680	417	352	393	729	405	233	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 480
MAXIMUM DAILY, 1 740E ON MAY 33
MINIMUM DAILY, 1088 ON APR 20

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 22 30 N
LONG 88 19 30 W
DRAINAGE AREA, 84 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	480 000	JUL	1 470 000
FEB	340 000	AUG	883 000
MAR	318 000	SEP	1 550 000
APR	294 000	OCT	2 250 000
MAY	3 080 000	NOV	1 520 000
JUN	2 340 000	DEC	809 000

TOTAL DISCHARGE, 15 400 000 dam³

SEVERN RIVER AT LITTLE FALLS - STATION NO. 02EC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.69 E	7.27	7.27	0.023E	0.023E	2.00	11.3 E	0.023E	0.110	0.488E	0.784	7.27	1
2	3.45 E	7.27	7.27	0.023E	0.023E	0.892	11.6 E	0.023E	0.110E	0.488	0.784	7.27 E	2
3	3.28	6.88	7.27	0.023E	0.023E	0.892E	11.8	0.023E	0.110E	0.293	0.892	7.27 E	3
4	5.44	7.08E	7.27 E	0.023E	0.023E	0.892E	11.9	0.023E	0.110E	0.182	0.770E	7.27	4
5	8.99	7.10E	7.27 E	0.023E	0.023E	0.892	11.8	0.023E	0.110	0.256	0.647E	7.27	5
6	8.10 E	7.27	7.27	0.023E	0.023E	0.892	11.0	0.023E	0.110	0.282	0.825	7.27	6
7	10.6 E	7.27	7.27	0.023E	0.023E	0.892	11.0	0.023E	0.110	0.282E	0.825	7.27	7
8	7.31 E	7.27	7.27	0.023E	0.023E	0.892	11.0	0.023E	0.110	0.282E	0.840	7.27	8
9	3.43	6.88	7.27	0.023E	0.023E	0.488	11.0 E	0.023E	0.110E	0.282E	0.840	7.27 E	9
10	3.28	6.88	7.27	0.023E	0.023E	0.488	11.0 E	0.023E	0.110E	0.282E	0.840	7.27 E	10
11	3.43	6.88E	7.27 E	0.023E	0.023E	0.478E	11.0	0.220	0.110E	0.282	0.840	7.27 E	11
12	1.66	6.88E	7.27 E	0.023E	0.023E	0.482E	9.50	0.220	0.110	0.282	0.740E	3.27	12
13	0.292	6.88	3.73	0.023E	0.023E	0.488	10.4	0.220E	0.110	0.282	0.670E	0.420	13
14	0.292E	6.88	0.023E	0.023E	0.023E	0.373	3.94	0.220E	0.110	0.282	0.598E	0.671	14
15	0.292E	7.27	0.023E	0.023E	0.023E	0.373	0.488	0.220E	0.110	0.319E	0.518	0.518	15
16	1.92	7.27	0.023E	0.023E	2.08 E	0.373	0.488E	0.220	0.110	0.346E	0.518	0.518	16
17	6.93	7.27	0.023E	0.023E	3.85 E	0.373	0.488E	0.220	0.110E	0.373	0.518	0.443E	16
18	8.17	7.27E	0.023E	0.023E	11.2 E	0.405E	0.488	0.220	0.110E	0.420E	0.784	0.367E	17
19	8.17	7.27E	0.023E	0.023E	16.8 E	0.437E	0.488	0.220	0.110	1.47	0.868E	0.292	18
20	8.17	7.27	0.023E	0.023E	16.8 E	0.488	0.488	0.220E	0.110	1.36	1.01 E	0.331	19
21	8.17 E	7.40	0.023E	0.023E	16.7 E	0.488	0.373	0.220E	0.110	1.81	1.13	0.373	20
22	8.17 E	7.27	0.023E	0.023E	16.5 E	7.72	0.373	0.220	0.110	1.24 E	1.81	0.420	21
23	8.17	7.27	0.023E	0.023E	16.2 E	8.36	0.348E	0.220	0.110	0.868E	1.24	0.220	22
24	8.17	7.27	0.023E	0.023E	15.8	8.84 E	0.318E	0.110	0.110	0.892	1.38	0.220E	23
25	8.17	7.27E	0.023E	0.023E	15.8	15.8 E	0.292	0.110	0.110	0.892	1.38	0.220E	24
26	7.27	7.27E	0.023E	0.023E	15.8	15.8 E	0.292	0.110	0.110	0.892E	4.46	0.220E	25
27	7.27	7.27	0.023E	0.023E	15.8	15.8	0.292	0.110E	0.488	0.811E	7.27	0.220E	26
28	7.27 E	7.27	0.023E	0.023E	15.7 E	15.8	0.292	0.110E	0.373	0.571	7.70	0.220	27
29	7.27 E		0.023E	0.023E	15.4 E	13.8	0.220	0.110	0.488	0.578E	7.27	0.028	28
30	7.27		0.023E	0.023E	15.2 E	11.0	0.220E	0.110	0.488	0.580E	7.27	0.220	29
31	7.27		0.023E		14.8	11.0	0.220E	0.158	0.488E	0.585E	7.27	0.220	30
			7.82				0.164E	0.110		0.588		0.220	31
TOTAL	178.868	201.46	81.384	0.890	232.872	136.248	143.847	4.106	4.888	17.874	82.338	82.233	TOTAL
MEAN	5.77	7.19	2.95	0.023	7.50	4.84	4.83	0.132	0.187	0.887	3.08	2.85	MEAN
MAX	10.6	7.40	7.27	0.023	16.8	15.8	11.8	0.220	0.488	1.81	7.70	7.27	MAX
MIN	0.292	6.88	0.023	0.023	0.023	0.373	0.164	0.023	0.110	0.182	0.518	0.028	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.17
MAXIMUM DAILY, 16.8E ON MAY 19
MINIMUM DAILY, 0.023E ON MAR 14

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 44 45 N
LONG 78 18 31 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 800	JUL	12 400
FEB	17 400	AUG	355
MAR	7 000	SEP	432
APR	88.8	OCT	1 520
MAY	20 100	NOV	8 380
JUN	11 600	DEC	7 100

TOTAL DISCHARGE, 100 000 dam³

SEVERN RIVER AT OUTLET OF MUSKRAT DAM LAKE - STATION NO. 04CA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	110 B	90.38	75.28	61.98	87.0B	373	322E	308	271	283	225	1988	1
2	110 B	90.08	74.48	61.48	103 B	366	318E	302	288	284	225	1988	2
3	108 B	89.58	74.18	61.08	110 B	362	311E	187	288	278	220	1978	3
4	105 B	89.08	73.88	60.58	118 B	374	308E	187	281	280	217	1988	4
5	104 B	88.48	73.28	60.28	130 B	378	300E	182	287	277	216	1988	5
6	107 B	87.88	72.88	59.88	142	372	287E	181	285	278	214	1948	6
7	107 B	87.28	72.58	59.58	147	361	280E	188	287	276	213	1938	7
8	106 B	86.88	71.98	59.18	155	362	283E	182	270	279	213	1928	8
9	105 B	86.08	71.48	58.88	162	365	280E	308	284	278	214	1918	9
10	104 B	85.38	70.88	58.58	170	380	282E	308	288	273	214	1908	10
11	103 B	84.88	70.48	58.08	181	348	278E	303	284	278	213	1898	11
12	103 B	84.48	70.08	57.88	190	315	281E	200	285	284	2128	1888	12
13	102 B	83.98	69.78	57.78	188	320	274E	185	313	280	2128	1878	13
14	102 B	83.48	69.38	57.58	208	335	268E	185	308	268	2118	1868	14
15	101 B	82.78	68.88	57.38	218	338	282E	181	307	288	2118	1868	15
16	101 B	82.18	68.58	57.38	228	338	287	181	302	289	2108	1838	16
17	100 B	81.88	68.08	57.28	238	340	288	181	295	288	2088	1828	17
18	98.68	81.28	67.58	57.28	251	340	287	181	295	287	2088	1818	18
19	96.78	80.78	67.28	57.18	228	342	288	178	284	283	2068	1798	19
20	96.08	80.08	67.08	57.08	233	344	288	189	298	288	2078	1778	20
21	97.58	79.78	66.28	59.58	257	337	292	209	301	290	2078	1768	21
22	97.08	79.38	65.98	62.58	268	337	259	207	293	280	2068	1758	22
23	96.38	78.68	65.68	65.58	270	326	241	208	295	268	2058	1738	23
24	95.58	78.28	65.18	64.88	283	321	233	213	308	244	2048	1718	24
25	94.78	77.78	64.88	72.48	238	310E	232	238	281	241	2038	1698	25
26	93.88	77.28	64.38	75.88	289	303E	236	247	283	237	2028	1678	26
27	93.28	76.68	63.88	78.08	317	300E	232	282	300	228	2018	1668	27
28	92.88	76.28	63.08	82.88	335	305E	224	287	298	264	2018	1648	28
29	92.28		62.88	86.88	357	310E	219	287	288	280	2008	1638	29
30	91.88		62.58	80.78	366	317E	216	273	273	244	1998	1618	30
31	90.98		62.28		388		213	278		229		1598	31
TOTAL	3 119.1	2 329.4	2 122.7	1 819.8	8 834.0	10 186	8 192	8 544	8 874	8 130	8 300	8 838	TOTAL
MEAN	101	83.2	68.5	64.0	220	340	283	211	288	282	210	181	MEAN
MAX	110	90.3	75.2	80.7	388	378	322	275	313	294	225	198	MAX
MIN	90.9	78.2	62.2	57.1	57.0	300	213	178	268	226	188	158	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 191
MAXIMUM DAILY, 378 ON JUN 6
MINIMUM DAILY, 57.1B ON APR 19
MAXIMUM INSTANTANEOUS
380 AT 16:19 EST ON JUN 6

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 28 27 N
LONG 91 30 55 W
DRAINAGE AREA, 38 800 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	288 000	JUL	704 000
FEB	201 000	AUG	585 000
MAR	183 000	SEP	741 000
APR	186 000	OCT	702 000
MAY	590 000	NOV	844 000
JUN	880 000	DEC	488 000

TOTAL DISCHARGE, 6 030 000 dam³

SEVERN RIVER AT SWIFT RAPIDS - STATION NO. 02EC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	39.9	50.0	37.5	182	95.0	65.4	68.7	8.61	30.2	23.1	32.4	124	1
2	38.2	55.5	37.4	188	95.4	68.1	66.6	15.6	21.3	26.1	43.0	123	2
3	45.6	50.5	36.7	187	95.1	65.8	67.3	10.7	20.4	31.2	39.4	118	3
4	37.5	44.4	27.7	178	95.3	65.6	66.9	22.1	18.7	17.1	42.8	103	4
5	36.3	43.7	21.8	180	96.7	62.2	66.1	13.8	23.9	12.0	40.6	88.2	5
6	40.0	51.9	20.7	171	98.0	61.6	66.1	11.4	26.2	16.1	40.4	88.4	6
7	34.1	48.1	38.6	188	72.9	61.1	65.8	7.08	19.7	12.3	44.0	87.6	7
8	35.4	54.2	24.5	185	94.8	61.6	67.0	8.85	24.8	17.4	44.0	87.4	8
9	40.6	52.1	28.4	182	107	48.7	63.1	19.0	18.8	11.0	45.4	87.9	9
10	39.4	42.1	30.4	134	98.5	46.6	67.0	20.1	12.7	24.5	44.8	88.2	10
11	40.2	45.2	27.8	128	93.5	43.6	68.6	21.2	23.8	13.2	48.8	88.3	11
12	48.0	44.6	24.6	128	93.1	38.4	65.9	15.0	18.7	17.1	48.7	91.8	12
13	48.0	47.1	16.0	126	93.4	31.0	38.1	17.7	18.8	19.1	42.1	78.1	13
14	42.5	38.8	12.2	116	93.4	30.7	38.0	20.4	17.7	12.7	38.4	70.1	14
15	38.8	34.8	18.4	111	103	37.2	33.0	23.8	22.8	18.0	49.0	86.1	15
16	38.1	35.1	28.4	111	110	32.0	23.1	18.1	17.7	21.8	44.0	89.5	16
17	40.5	34.8	28.4	111	110	31.7	23.3	14.7	8.85	29.2	118	88.8	17
18	88.5	29.7	34.3	110	109	33.0	13.0	20.8	16.2	24.2	132	91.7	18
19	57.9	31.3	27.0	110	110	38.1	15.5	20.2	14.8	24.1	132	90.7	19
20	57.1	33.1	31.2	104	110	45.5	14.9	13.3	23.2	26.2	131	88.8	20
21	56.5	35.4	32.8	92.5	109	84.6	8.89	18.8	18.1	28.8	131	87.0	21
22	56.3	33.4	32.3	90.3	109	72.8	11.0	18.8	20.1	28.7	132	84.4	22
23	55.8	37.1	32.1	89.8	102	86.4	9.43	19.8	27.0	31.4	121	89.7	23
24	51.7	34.0	32.0	82.1	95.8	113	8.78	13.9	24.9	31.9	111	87.2	24
25	50.8	29.7	31.9	73.7	89.5	114	10.9	25.1	28.4	33.8	111	89.8	25
26	52.2	28.7	32.3	72.1	109	113	11.8	20.5	25.0	31.3	111	88.9	26
27	52.5	29.4	38.8	77.0	110	114	7.80	14.2	28.4	30.5	110	88.2	27
28	52.5	32.8	67.0	74.6	109	109	8.80	20.0	26.7	31.7	111	88.8	28
29	52.1		127	71.7	106	90.2	8.36	21.8	22.2	29.5	110	88.3	29
30	52.5		182	87.1	84.7	72.3	12.2	20.0	26.9	28.1	118	89.4	30
31	51.7		182		71.1		11.5	18.8		28.0		89.1	31
TOTAL	1 433.3	1 138.3	1 287.5	3 593.2	2 810.0	1 894.3	1 010.06	530.84	634.95	717.2	2 398.8	2 325.1	TOTAL
MEAN	46.2	40.7	41.9	120	93.8	63.1	32.6	17.1	21.2	23.1	80.0	75.0	MEAN
MAX	88.5	80.5	182	188	110	114	88.1	25.1	30.2	33.8	132	124	MAX
MIN	34.1	28.4	12.2	87.1	95.0	30.7	5.38	8.85	8.85	11.0	32.4	85.8	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 54.5
MAXIMUM DAILY, 180 ON APR 5
MINIMUM DAILY, 5.38 ON JUL 29

DATA CONTRIBUTED BY -
ORILLIA LIGHT AND POWER

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 44 51 25 N
LONG 79 32 30 W
DRAINAGE AREA, 5 850 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	124 000	JUL	87 300
FEB	98 300	AUG	45 900
MAR	112 000	SEP	54 900
APR	310 000	OCT	62 000
MAY	261 000	NOV	207 000
JUN	164 000	DEC	201 000

TOTAL DISCHARGE, 1 720 000 dam³

SEVERN RIVER AT WASHAGO - STATION NO. 02EC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.43E	4.84	4.43	4.84E	9.91	10.8	10.2 E	7.81	8.30	5.10E	5.58	5.34	1
2	4.43E	4.84	4.43	4.84E	9.91	10.8	10.8 E	7.81	8.38E	5.10	5.58	5.18E	2
3	4.43	4.84	4.43	4.84	9.91	10.8 E	10.8	7.76	8.42E	4.22	4.88	5.02E	3
4	4.43	4.84E	4.43E	4.86	10.5	10.8 E	10.2	7.76	8.48E	4.01	5.10E	4.88	4
5	4.43	4.84E	4.43E	5.10	11.1	10.8	10.2	7.84E	8.84	4.43	5.34E	4.84	5
6	4.43	4.84	4.43	5.34	10.9 E	11.1	9.91	7.81E	8.30	4.88	5.58	4.88	6
7	4.43E	4.84	4.43	5.34	10.7 E	10.8	9.91	7.38E	8.30	4.78E	5.58	4.84	7
8	4.43E	4.84	4.43	5.34E	10.5	10.8	9.91E	7.28	8.30	4.88E	4.88	4.84	8
9	4.43	4.43	4.43	5.58E	11.4	10.8	9.81E	7.36	8.22E	4.84E	4.88	4.84E	9
10	4.88	4.43	4.43	7.86	11.1	10.8 E	9.91	7.28	8.14E	4.43	5.34	4.84E	10
11	4.84	4.43E	4.43E	8.80	10.2	10.8 E	9.15	7.28	8.08	4.88	5.34E	4.84	11
12	4.71	4.43E	4.43E	8.80	10.8	10.8	9.07	7.28E	8.08	5.34	5.34E	4.84	12
13	4.86	4.43	4.43	9.36	11.4 E	10.8	8.80	7.28E	8.08	4.84	5.34E	4.84	13
14	4.86E	4.43	4.43	9.36	12.0 E	10.5	8.80	7.28E	8.08	4.71E	5.34	4.84	14
15	4.86E	4.43	2.87	9.54E	12.8	10.8	8.71E	7.28	8.34	4.78E	5.34	4.84	15
16	4.86	4.43	1.31	9.72E	12.2	10.8	8.62E	7.28	8.34E	4.88	8.30	4.84E	16
17	4.86	4.43	2.40E	9.81	11.8	10.8 E	8.53	8.78	8.34E	4.78E	8.78	4.84E	17
18	4.88	4.43E	3.18E	9.36	11.8	11.0 E	9.07	8.76	8.34	4.84	8.82E	4.84	18
19	4.88	4.43E	3.18E	9.83	11.8	11.1	8.80	8.88E	8.34	4.43	8.48E	4.86	19
20	4.84	4.43	3.18	9.83	11.7 E	11.8	8.01	8.84E	8.34	4.88	8.30	4.86	20
21	4.84E	4.48	3.38	9.83	11.8 E	11.4	8.01	7.02	8.34	4.86E	8.34	4.84	21
22	4.84E	4.43	3.38	9.72E	11.6 E	11.1	8.01E	8.78	8.34	4.88E	8.82	4.84	22
23	4.84	4.43	3.18	9.62E	11.4	11.1	8.01E	8.84	8.10	4.88	8.34	4.80E	23
24	4.84	4.43	3.18E	9.81	11.4	11.1 E	8.01	8.30	8.10	8.10	8.84	4.86E	24
25	4.84	4.43E	3.18E	9.81	11.4	11.1 E	8.01	8.30	8.10	8.10E	8.82E	4.81E	25
26	4.84	4.43E	3.18	9.81	11.4	11.1	8.01	8.30E	8.10	8.10E	8.47E	4.47E	26
27	4.84	4.43	3.48E	9.81	11.4 E	11.1	8.01	8.30E	4.88	8.10	8.41	4.43	27
28	4.84E	4.43	3.80	9.83	11.4 E	10.8	7.76	8.30	8.58	8.10E	8.86	4.43	28
29	4.84E		4.22	9.72E	11.4 E	9.91	7.76E	8.08	8.10	8.10E	8.34	4.22	29
30	4.84		4.43	9.82E	11.4	9.91	7.76E	8.35	8.10E	8.10	8.82	4.22	30
31	4.84		4.84		10.8		7.76	8.08		8.22		4.22	31
TOTAL	143.78	126.74	118.20	245.10	347.33	326.22	278.12	218.19	171.38	149.47	187.08	144.24	TOTAL
MEAN	4.84	4.48	3.81	8.17	11.2	10.9	8.91	8.87	8.71	4.82	8.67	4.88	MEAN
MAX	4.88	4.84	4.84	9.91	12.8	11.8	10.8	7.76	8.84	8.34	8.78	8.34	MAX
MIN	4.43	4.43	1.31	4.84	9.81	9.81	7.76	8.08	4.88	4.01	4.88	4.22	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.88
MAXIMUM DAILY, 12.8 ON MAY 15
MINIMUM DAILY, 1.31 ON MAR 16

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 45 50 N
LONG 79 19 49 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 400	JUL	23 900
FEB	10 900	AUG	18 700
MAR	10 200	SEP	14 800
APR	21 200	OCT	12 800
MAY	30 000	NOV	14 400
JUN	28 200	DEC	13 900

TOTAL DISCHARGE, 210 000 dam³

SEVERN RIVER BELOW WASHAGO - STATION NO. 02EC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.1	32.6	19.9	12.1	11.4	44.2	83.4	11.0	21.7	22.8	22.2	80.4	1
2	14.9	32.6	19.9	12.3	11.4	42.8	82.3	12.1	22.0	20.6	22.2	81.6	2
3	14.8	32.0	19.9	12.4	11.4	42.8	83.2	11.3	22.2	17.6	20.7	81.3	3
4	15.6	32.2	19.9	13.1	12.6	42.8	82.5	10.7	22.5	14.3	21.2	84.3	4
5	15.3	32.4	19.9	13.6	13.4	42.8	82.5	10.5	22.7	12.4	21.8	86.3	5
6	20.2	32.6	19.9	13.9	13.0	44.2	80.3	10.4	21.7	13.3	22.3	86.6	6
7	21.5	32.6	19.9	14.3	12.8	42.4	80.2	11.0	21.8	13.0	22.1	86.3	7
8	18.6	32.6	19.8	14.5	12.2	38.5	80.4	11.4	21.7	12.7	21.1	86.3	8
9	14.9	31.5	19.9	14.8	13.8	28.0	80.4	15.8	21.4	12.4	20.0	86.2	9
10	14.9	31.5	19.9	17.0	20.2	24.7	80.3	20.8	21.1	12.1	17.3	86.2	10
11	15.1	31.5	19.9	18.5	23.8	24.8	48.7	22.3	20.8	13.3	12.0	82.1	11
12	13.4	31.5	19.9	14.5	24.8	24.6	48.8	22.2	20.8	14.8	8.08	42.1	12
13	12.1	31.5	13.4	11.3	26.5	23.8	38.4	22.0	20.7	12.4	8.88	25.3	13
14	12.2	24.8	8.70	11.4	26.2	23.5	33.6	21.8	20.8	12.7	8.80	25.2	14
15	12.3	20.2	8.34	11.8	38.7	23.9	33.3	21.7	19.8	13.2	18.5	25.2	15
16	14.0	19.9	3.78	11.9	45.5	23.8	32.8	22.4	19.5	13.8	23.4	25.1	16
17	17.7	19.9	4.47	12.1	55.8	24.1	22.3	20.5	19.2	15.1	24.4	25.0	17
18	25.1	19.9	6.00	11.5	61.1	24.4	13.2	20.5	19.0	17.7	24.7	24.8	18
19	26.7	19.9	6.34	11.8	61.2	25.5	12.8	20.8	19.0	18.0	24.5	25.3	19
20	26.5	19.9	6.89	11.8	60.7	26.8	11.7	21.0	18.9	18.1	26.8	25.3	20
21	26.5	20.1	6.72	11.7	60.2	53.8	11.7	21.3	19.1	15.9	28.0	25.1	21
22	26.5	19.9	6.72	11.8	65.4	61.1	11.8	20.4	19.1	15.4	34.0	24.7	22
23	31.4	19.9	6.74	11.9	68.0	67.8	11.5	21.1	18.8	18.9	35.8	24.7	23
24	33.5	19.9	7.23	12.0	71.2	70.7	11.4	21.7	18.8	18.5	38.4	37.8	24
25	33.2	19.8	7.34	12.0	72.7	72.0	11.4	21.8	18.8	18.4	42.5	39.7	25
26	32.8	19.8	7.46	11.4	72.7	80.7	11.4	21.7	20.7	18.4	46.1	39.8	26
27	32.6	19.8	8.29	11.4	72.4	86.7	11.4	21.7	21.7	18.3	47.8	41.7	27
28	32.6	19.8	8.12	11.1	72.0	91.8	10.8	21.7	23.4	18.4	48.1	43.0	28
29	32.8		10.3	11.2	71.7	74.8	11.8	20.8	22.8	18.4	48.6	42.6	29
30	32.8		11.6	11.3	70.5	74.5	12.4	22.0	22.8	18.8	49.7	42.8	30
31	32.6		11.9		64.4		12.4	20.8		20.8		42.8	31
TOTAL	699.9	720.8	385.24	380.8	1 308.8	1 370.5	945.2	575.9	622.8	495.5	812.44	1 355.3	TOTAL
MEAN	22.6	25.7	12.4	12.7	42.2	45.7	30.5	18.6	20.8	16.0	27.1	43.7	MEAN
MAX	33.5	32.6	19.9	18.5	72.7	86.7	83.4	22.4	23.4	22.8	49.7	86.6	MAX
MIN	12.1	19.8	3.78	11.1	11.4	23.8	10.8	10.4	18.8	12.1	8.80	34.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.8
MAXIMUM DAILY, 86.7 ON JUN 27
MINIMUM DAILY, 3.78 ON MAR 16

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE -
LOCATION - LAT 44 45 16 N
LONG 79 19 08 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	80 500	JUL	81 700
FEB	82 300	AUG	49 800
MAR	33 300	SEP	53 800
APR	32 800	OCT	42 800
MAY	113 000	NOV	70 200
JUN	118 000	DEC	117 000

TOTAL DISCHARGE, 836 000 dam³

REGULATED

REMARKS - DATA IS SUMMATION OF FLOWS AT STATIONS 02EC008, 02EC009, 02EC007 AND 02EC013

SHAMATTAWA RIVER AT OUTLET OF SHAMATTAWA LAKE - STATION NO. 04DC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.108	5.088	3.588	2.738	2.808	183	44.1	8.26	11.4	28.4	80.4	11.8 B	1
2	8.908	4.988	3.568	2.718	3.108	149	41.8	9.95	11.2	27.0	82.0	11.0 B	2
3	8.708	4.808	3.518	2.708	3.858	138	35.8	9.48	11.8	31.0	44.0	10.3 B	3
4	8.458	4.608	3.488	2.868	4.708	125	34.1	9.52	11.2	39.6	41.08	9.808	4
5	8.208	4.728	3.468	2.868	5.808	118	30.3	9.23	11.3	41.4	40.88	9.408	5
6	8.008	4.668	3.408	2.858	6.508	108	30.3	8.38	10.8	45.6	38.58	8.808	6
7	7.808	4.608	3.368	2.848	13.6 B	98.7	28.8	8.83	13.1	53.1	38.08	8.408	7
8	7.808	4.588	3.328	2.838	23.0 B	95.0	26.2	8.87	15.1	64.4	36.58	8.008	8
9	7.408	4.628	3.288	2.828	35.0 B	90.3	25.4	8.84	17.1	70.3	37.78	7.808	9
10	7.258	4.468	3.268	2.818	50.0 B	83.1	24.4	8.81	20.1	74.3	37.08	7.308	10
11	7.158	4.368	3.238	2.808	66.0 B	78.7	23.0	8.44	20.9	78.7	35.08	8.808	11
12	6.958	4.338	3.208	2.808	101 B	73.5	21.9	8.34	21.6	84.1	32.58	8.608	12
13	6.808	4.268	3.178	2.808	141	66.3	20.6	8.84	22.7	81.4	30.58	8.408	13
14	6.708	4.238	3.148	2.808	184	64.1	20.4	8.80	20.8	100	28.58	8.108	14
15	6.808	4.188	3.118	2.808	233	59.8	17.4	8.72	21.4	102	26.58	8.808	15
16	6.508	4.158	3.088	2.588	247	55.2	17.8	8.58	20.2	99.1	24.58	5.808	16
17	6.388	4.118	3.058	2.598	245	50.1	15.9	8.74	20.0	96.2	23.58	5.408	17
18	6.258	4.078	3.038	2.588	241	46.6	14.5	8.80	20.7	92.6	22.78	5.208	18
19	6.108	4.028	3.008	2.588	238	42.6	14.4	8.84	18.5	88.6	22.18	5.008	19
20	6.008	3.988	2.988	2.578	220	41.0	13.8	8.45	18.8	91.3	21.78	4.858	20
21	5.928	3.948	2.958	2.568	213	36.3	12.2	8.72	17.2	78.8	21.28	4.788	21
22	5.858	3.918	2.948	2.568	220	33.2	11.3	8.08	16.8	76.8	20.48	4.508	22
23	5.758	3.878	2.928	2.568	230	30.8	10.8	8.98	16.4	71.6	19.38	4.358	23
24	5.858	3.828	2.898	2.568	237	31.6	9.78	8.87	20.6	68.8	18.18	4.208	24
25	5.868	3.788	2.858	2.588	241	40.6	8.84	8.38	17.8	67.4	17.08	4.058	25
26	5.488	3.738	2.838	2.588	237	48.6	8.80	8.95	21.7	63.3	16.08	3.958	26
27	5.408	3.688	2.818	2.578	228	49.3	7.38	8.77	28.6	63.3	15.08	3.808	27
28	5.328	3.658	2.808	2.608	221	51.6	7.38	8.08	28.0	62.7	14.18	3.688	28
29	5.238		2.788	2.658	210	51.6	7.30	9.80	28.2	64.8	13.38	3.588	29
30	5.188		2.778	2.708	193	48.6	7.13	10.8	27.8	64.7	12.88	3.438	30
31	5.108		2.768		178		8.81	11.7		62.8		3.358	31
TOTAL	207.28	118.32	98.51	78.42	4 488.88	2 181.2	598.91	184.22	549.8	2 131.6	884.1	184.18	TOTAL
MEAN	6.68	4.26	3.11	2.81	144	72.0	19.3	8.30	18.3	68.8	28.8	8.26	MEAN
MAX	9.10	5.08	3.58	2.73	247	183	44.1	11.7	27.8	102	80.4	11.8	MAX
MIN	5.10	3.88	2.76	2.58	2.80	28.8	8.81	3.45	10.8	28.4	12.8	3.35	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.8
MAXIMUM DAILY, 247 ON MAY 16
MINIMUM DAILY, 2.588 ON APR 21
MAXIMUM INSTANTANEOUS,
354 AT 02:22 EST ON MAY 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 17 00 N
LONG 85 38 00 W
DRAINAGE AREA, 4 710 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	17 900	JUL	81 700
FEB	10 300	AUG	14 200
MAR	8 340	SEP	47 800
APR	8 780	OCT	184 000
MAY	388 000	NOV	76 700
JUN	187 000	DEC	16 800

TOTAL DISCHARGE, 1 010 000 dam³

SHEBANDOWAN RIVER AT OUTLET OF SHEBANDOWAN LAKE - STATION NO. 02AB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.00	13.0	4.30	2.00	0	17.2	16.3	1.30	0.800	0.500	0	1.40	1
2	9.00	12.4	4.20	2.00	0	16.6	16.3	1.30	0.900	0.100	0	2.30	2
3	8.70	12.2	4.20	2.00	0	16.3	16.0	1.20	0.900	0	0	2.30	3
4	8.70	10.6	4.20	2.00	0	16.3	15.6	1.30	0.800	0	0	2.10	4
5	8.70	11.3	4.20	2.00	0	12.4	15.2	1.30	1.10	2.80	0.200	2.10	5
6	8.70	11.0	4.10	2.10	0	8.80	14.8	1.30	1.00	0.800	1.10	2.10	6
7	8.40	10.4	4.10	2.00	0.100	8.30	15.6	1.20	1.10	0	2.70	1.80	7
8	8.40	10.2	4.10	2.10	0.300	8.00	15.2	1.10	1.10	0.800	2.80	1.80	8
9	8.20	9.70	4.10	2.10	10.8	3.40	14.8	1.00	1.00	---	2.80	1.80	9
10	8.20	9.40	4.00	2.10	35.9	0	14.8	1.00	0.900	---	2.70	2.00	10
11	7.80	9.10	4.00	2.10	35.9	0	14.0	0.900	0.800	---	2.80	1.80	11
12	8.20	8.90	4.00	2.20	34.5	0	13.7	0.900	0.800	0.400	2.80	1.70	12
13	8.20	8.80	4.00	2.20	35.9	0	13.3	0.900	0.800	0.300	2.40	1.70	13
14	8.20	8.10	3.80	2.20	35.4	0	12.7	0.800	0.800	0.200	2.80	1.80	14
15	7.80	7.80	3.80	2.20	34.9	0	11.8	0.800	0.800	0.200	2.80	1.80	15
16	7.70	7.80	3.80	2.30	34.5	0	11.8	0.800	0.800	0.200	2.40	1.80	16
17	7.70	7.40	3.70	2.40	34.0	0	8.90	0.800	0.800	0.200	3.00	1.80	17
18	11.1	7.00	3.70	1.10	33.6	0	1.90	0.800	0.800	0.200	2.40	1.80	18
19	10.8	6.70	3.70	0	27.5	0	1.90	0.800	0.800	0.100	3.00	1.70	19
20	10.2	6.80	3.70	0	23.3	0	2.10	0.800	0.800	0.100	2.30	1.70	20
21	10.8	5.10	1.80	0	24.2	3.80	1.80	0.800	0.800	0.100	2.30	1.70	21
22	10.0	4.80	1.80	0	23.3	7.70	1.80	0.900	0.800	0.100	2.00	1.70	22
23	17.8	4.30	1.80	0	23.3	8.10	1.80	1.10	0.800	0.100	2.30	1.80	23
24	18.7	4.30	1.80	0	23.2	8.50	1.80	1.10	0.800	0	2.30	1.80	24
25	18.4	4.80	1.80	0	23.3	8.80	1.70	1.00	0.800	0	2.30	1.80	25
26	18.8	4.50	1.80	0	24.2	8.50	1.70	1.00	---	0	2.10	1.80	26
27	18.8	4.30	1.80	0	23.8	8.80	1.70	1.00	---	0	2.30	1.80	27
28	18.0	4.30	1.80	0	23.8	18.7	1.80	1.00	0.800	0	2.10	1.80	28
29	14.4		1.80	0	21.1	16.3	1.40	0.800	0.800	0	2.00	1.40	29
30	13.8		2.00	0	17.2	16.0	1.30	1.00	0.800	0	1.80	1.40	30
31	13.8		2.00		17.2		1.30	0.800		0		1.40	31
TOTAL	367.80	224.00	100.50	37.10	620.800	210.20	282.80	31.800	---	---	89.300	53.90	TOTAL
MEAN	11.9	8.00	3.24	1.24	20.0	7.01	9.48	1.02	---	---	1.98	1.74	MEAN
MAX	18.8	13.0	4.30	2.40	35.9	17.2	15.3	1.30	---	---	3.00	2.30	MAX
MIN	7.70	4.30	1.80	0	0	0	1.30	0.800	---	---	0	1.40	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 37 11 N
LONG 80 03 42 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	31 800	JUL	22 700
FEB	19 400	AUG	2 720
MAR	8 680	SEP	---
APR	3 210	OCT	---
MAY	53 600	NOV	5 120
JUN	18 200	DEC	4 880

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED SINCE 1924

REMARKS - DATA PUBLISHED AS RECEIVED FROM CONTRIBUTOR

SHEBANDOWAN RIVER AT SUNSHINE - STATION NO. 02AB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.38	22.2 B	9.488	9.888	78.6	46.0	43.2	11.7	10.9	10.3	10.9	8.868	1
2	16.18	21.9 B	9.428	10.2 B	73.0	43.7	44.8	12.0	10.7	10.2	11.0	8.758	2
3	15.88	21.7 B	9.388	10.5 B	71.3	42.1	42.5	11.7	10.2	10.1	10.8	8.668	3
4	15.58	21.4 B	9.348	10.9 B	73.6	41.1	36.9	11.6	10.6	10.1	10.8	8.808	4
5	15.38	21.2 B	9.308	11.2 B	83.3	39.6	35.6	11.1	14.4	9.94	10.7	8.868	5
6	15.18	21.0 B	9.268	11.6 B	87.6	38.2	34.8	10.8	17.0	10.1	10.7	8.648	6
7	14.98	20.7 B	9.268	12.1 B	77.1	36.8	38.2	10.7	16.7	9.90	11.6	8.528	7
8	14.88	20.6 B	9.258	12.4 B	77.1	34.9	35.2	10.7	16.1	9.81	12.2	8.488	8
9	14.48	20.3 B	9.248	12.8 B	78.2	34.0	33.1	10.3	13.4	9.34	12.8	8.468	9
10	14.38	20.1 B	9.208	13.3 B	103	26.2	31.2	10.0	12.2	9.38	13.4	8.408	10
11	14.08	19.9 B	9.178	14.0 B	87.3	22.5	28.2	9.87	11.5	9.29	13.5	8.388	11
12	13.78	19.8 B	9.138	14.7 B	80.2	21.3	27.4	10.4	11.6	9.32	13.0 B	8.328	12
13	13.58	19.5 B	9.108	15.3 B	84.8	31.8	26.3	11.6	12.0	9.24	12.2 B	8.268	13
14	13.38	19.3 B	9.088	16.7 B	81.6	40.9	25.3	13.2	12.4	8.87	11.5 B	8.248	14
15	13.28	19.0 B	9.058	17.8 B	78.8	38.7	24.6	15.0	11.3	9.33	10.2 B	8.208	15
16	13.08	18.8 B	9.038	20.8 B	75.3	32.0	24.8	15.5	10.8	9.68	9.808	8.188	16
17	12.88	18.6 B	9.018	25.5 B	71.8	27.2	24.5	14.0	10.3	9.85	9.208	8.128	17
18	12.78	18.4 B	8.988	28.6 B	66.6	23.8	18.7	12.8	9.87	9.82	8.858	8.068	18
19	21.38	18.3 B	8.988	33.6	64.5	20.8	14.7	11.8	10.0	9.48	8.658	8.048	19
20	25.08	18.1 B	8.958	35.0	73.2	18.7	14.9	11.5	10.3	9.47	8.488	9.008	20
21	24.98	18.0 B	8.358	39.1	85.5	17.3	14.6	11.1	10.7	9.85	8.168	9.988	21
22	24.78	10.6 B	8.058	51.6	80.5	21.3	14.1	12.0	11.8	9.64	7.958	9.988	22
23	24.48	9.608	8.038	58.7	73.5	24.0	13.7	14.4	12.8	9.43	7.808	9.948	23
24	24.28	9.588	8.018	57.6	67.3	26.1	12.8	14.1	13.2	9.29	7.858	9.928	24
25	23.98	9.568	8.008	58.8	71.2	26.7	12.6	13.0	12.8	9.11	7.508	9.908	25
26	23.78	9.548	8.268	110	71.6	27.7	12.3	12.4	12.2	9.20	7.358	9.878	26
27	23.48	9.528	8.508	118	67.7	30.2	12.9	11.8	11.7	9.09	7.258	9.848	27
28	23.28	9.508	8.708	113	62.1	37.1	12.8	11.1	11.3	9.09	7.108	9.818	28
29	22.88		8.088	100	58.8	38.7	12.4	11.3	10.7	9.45	7.008	9.788	29
30	22.88		8.308	88.8	60.4	37.8	11.9	11.4	10.3	10.5	6.958	9.768	30
31	22.48		8.858		48.0		11.8	11.2		10.8		9.748	31
TOTAL	585.1	488.40	277.38	1 174.38	2 325.2	935.7	745.4	369.87	369.27	297.60	294.45	182.14	TOTAL
MEAN	18.2	17.4	8.95	39.1	75.0	31.2	24.0	11.9	12.0	9.80	9.82	6.20	MEAN
MAX	25.0	22.2	9.58	118	103	46.0	44.8	15.5	17.0	10.6	13.5	8.85	MAX
MIN	12.7	9.50	8.00	9.85	48.0	17.3	11.8	9.87	9.87	8.87	6.95	5.74	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.0
MAXIMUM DAILY, 118 ON APR 27
MINIMUM DAILY, 5.740 ON DEC 31
MAXIMUM INSTANTANEOUS,
132 AT 05:13 EST ON APR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 33 20 N
LONG 89 40 55 W
DRAINAGE AREA, 2 800 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	48 800	JUL	64 400
FEB	42 000	AUG	32 000
MAR	24 000	SEP	31 000
APR	101 000	OCT	25 700
MAY	201 000	NOV	25 400
JUN	80 800	DEC	18 800

TOTAL DISCHARGE, 693 000 dam³

SHELTER VALLEY BROOK NEAR GRAFTON - STATION NO. 02HD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.570E	0.600E	0.488B	1.02	0.673	0.514	0.350E	0.240E	0.609	0.382	0.721	0.858B	1
2	0.548B	0.520E	0.450B	0.880	0.870	0.774	0.330E	0.260E	0.487	0.810	0.642	1.10 B	2
3	0.520E	0.580E	0.445B	0.977	0.833	0.671	0.320E	0.270E	0.343	0.586	0.548	0.800B	3
4	0.500E	0.530E	0.442B	2.92	0.894	0.740	0.310E	0.280E	0.324	0.423	0.477	0.760B	4
5	0.488B	0.505B	0.440B	1.48	0.775	0.539	0.320E	1.18 E	0.327	0.400	0.474	0.840B	5
6	0.470B	0.480B	0.438B	0.973	1.40	0.481	0.310E	0.700E	0.320E	0.418	0.586	0.820B	6
7	0.480B	0.470B	0.436B	0.841	2.06	0.425	0.305E	0.340E	0.307	0.407	0.727	0.788B	7
8	1.30 B	0.458B	0.430B	0.718	1.86	0.385	0.300E	0.295E	0.308	0.380	0.843	0.740B	8
9	0.700B	0.445B	0.426B	0.885	0.883	1.10	0.298E	0.288E	0.305	0.383E	1.23	0.800B	9
10	0.658B	0.438B	0.426B	0.858	0.741	2.28	0.288E	0.284E	0.308	0.389	0.817	1.05 B	10
11	0.640B	0.430B	0.424B	0.838	0.731	0.425	0.270E	0.282E	0.288	0.858	0.888	0.700B	11
12	1.20 B	0.420B	0.423B	0.880	1.58	0.380	0.275	0.282E	0.285	0.463	0.855	0.520B	12
13	0.800B	0.415B	0.422B	0.830	1.16	0.504E	0.282	0.285E	0.281	0.408	0.588	0.440B	13
14	0.640B	0.600B	1.03 B	0.815	0.807	0.400E	0.282	0.287E	0.307	0.423	0.858	0.388B	14
15	0.600B	0.780B	3.50 B	0.883	0.892	0.380E	0.285	0.281E	0.443	0.786	2.43	0.378B	15
16	0.380B	0.880B	1.50 B	0.888	0.828	0.410E	0.260	0.325	0.384	0.788	2.93	0.388B	16
17	0.385B	0.800B	0.640B	0.598	0.808	0.700E	0.288	0.285	0.504	0.888	1.38	0.358B	17
18	0.385B	0.570B	0.408B	0.815	0.536	0.580E	0.288	0.290	0.378	0.625	0.838	0.350B	18
19	0.347B	0.540B	0.401B	0.585	0.807	0.480E	0.271	0.282	0.348	0.510	0.788	0.345B	19
20	0.342B	0.520B	0.389B	0.820	0.908	1.40 E	0.273	0.308	0.338	0.987	2.48	0.340B	20
21	0.338B	0.507B	0.386B	0.886	0.885	1.32 E	0.288	0.705E	0.338	0.853	1.81	0.337B	21
22	0.335B	0.500B	0.383B	0.814	0.852	0.880E	0.288	0.400E	0.328	0.758E	0.878B	0.333B	22
23	0.330B	0.490B	0.400B	0.473	0.487	0.800E	0.270	0.320E	1.23	0.588	0.708B	0.328B	23
24	0.328B	0.485B	0.427B	0.487	0.478	0.520E	0.264	0.360E	0.488	0.529	0.824B	0.327B	24
25	0.328B	0.480B	0.885B	0.484	0.448	0.440E	0.258	0.240E	0.422	0.513	0.812	0.325B	25
26	1.30 B	0.475B	4.86 B	0.481	0.487	0.435E	0.211E	0.279	0.384	0.488	0.858	0.324B	26
27	1.22 B	0.485B	4.80 B	0.515	0.477	0.400E	0.248E	0.289	0.388	0.483	0.882	0.323B	27
28	1.15 B	0.460B	3.87 B	0.490	0.434	0.370E	0.460E	0.281	0.350	0.455	1.32	0.322B	28
29	1.10 B		2.27 B	0.518	0.407	0.340E	0.400E	0.288	0.348	0.432	0.840B	0.321B	29
30	2.00 B		1.23	0.587	0.425	0.400E	0.258E	0.314	0.348E	0.432	0.714B	0.320B	30
31	1.48 B		1.08		0.531		0.248E	0.288		0.488		0.510B	31
TOTAL	21.184	14.817	34.478	21.977	23.785	18.643	9.034	10.907	12.026	16.828	29.724	18.888	TOTAL
MEAN	0.682	0.522	1.11	0.733	0.787	0.851	0.291	0.352	0.401	0.546	0.991	0.538	MEAN
MAX	2.00	0.800	4.86	2.92	2.06	2.28	0.480	1.18	1.23	0.987	2.93	1.10	MAX
MIN	0.328	0.415	0.383	0.484	0.407	0.360	0.211	0.240	0.281	0.382	0.474	0.320	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.632
MAXIMUM DAILY, 4.86B ON MAR 26
MINIMUM DAILY, 0.211E ON JUL 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 58 31 N
LONG 78 00 07 W
DRAINAGE AREA, 84.8 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 830	JUL	781
FEB	1 280	AUG	942
MAR	2 980	SEP	1 040
APR	1 900	OCT	1 460
MAY	2 060	NOV	2 570
JUN	1 690	DEC	1 640

TOTAL DISCHARGE, 20 000 dam³

SKOOTAMATTA RIVER NEAR ACTINOLITE - STATION NO. 02HL004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.02	5.00E	2.82E	34.6	8.18	3.06	3.07	0.451	0.104	1.31	3.83	13.8	1
2	5.83	5.70E	2.90E	36.6	4.33	3.14	2.71	0.412	0.131	1.11	3.83	12.3	2
3	5.66	5.60E	2.82E	38.2	5.71	3.45	2.46	0.376	0.140	1.04	3.84	11.8 B	3
4	5.58B	5.20E	2.83E	41.1	8.31	3.61	2.20	0.375	0.146	0.988	3.83	11.3 B	4
5	5.41B	4.95B	2.87B	45.2	8.28	3.87	2.10	0.394	0.148	0.887	3.88	10.7 B	5
6	5.33B	4.80B	3.00B	44.7	8.55	3.56	2.30	0.358	0.131	0.797	4.07	10.1 B	6
7	5.44B	4.80B	2.85B	42.2	8.82	3.16	2.27	0.396	0.119	0.739	4.78	9.70B	7
8	5.18B	4.45B	2.80B	38.6	14.5	2.88	2.18	0.384	0.121	0.785	5.36	9.25B	8
9	5.66	4.30B	2.86B	35.3	15.6	2.73	2.04	0.316	0.120	0.788	6.88	8.85B	9
10	5.18	4.18B	2.82B	32.0	14.3	5.08	1.91	0.287	0.119	1.28	9.82	8.80B	10
11	5.63	4.08B	2.78B	28.8	13.5	8.88	1.78	0.247	0.121	1.08	11.4	8.28B	11
12	5.18	3.84B	2.73B	25.7	13.1	9.30	2.18	0.242	0.121	2.88	11.2	7.90B	12
13	5.33	3.83B	2.70B	23.2	14.4	7.11	2.31	0.231	0.109	2.75	11.2	7.70B	13
14	5.01	3.72B	2.67B	20.8	14.7	5.84	2.06	0.198	0.099	2.84	10.7	7.60B	14
15	4.85	3.86B	4.83	18.0	14.3	4.78	1.88	0.178	0.096	2.82	12.7	7.30B	15
16	4.88	3.58B	7.98	17.7	13.2	4.42	1.82	0.161	0.087	2.88	19.2	7.10B	16
17	4.75	3.52B	9.14	16.4	11.8	4.85	1.58	0.181	0.083	3.03	28.4	8.88B	17
18	4.78	3.47B	7.56	15.1	10.8	5.35	1.32	0.158	0.087	2.88	32.5	8.70B	18
19	4.83	3.42B	6.95	14.1	9.87	5.38	1.14	0.147	0.084	2.90	31.7	8.50B	19
20	4.89	3.35B	6.16	12.8	8.37	5.86	1.02	0.148	0.081	3.17	30.1	8.35B	20
21	4.58	3.30B	5.44	11.6	7.48	5.73	0.848	0.144	0.077	4.04	28.3	8.10B	21
22	4.60B	3.23B	4.89	10.7	6.82	5.14	0.805	0.140	0.078	4.73	26.4	8.85B	22
23	4.45B	3.20B	4.48	9.86	8.60	5.78	0.718	0.134	0.108	4.88	20.8	8.40B	23
24	4.30B	3.15B	4.33	8.28	8.18	8.07	0.860	0.122	1.11	5.08	18.0	8.85B	24
25	4.00B	3.10B	4.45	7.70	4.88	7.33	0.800	0.110	2.80	5.07	18.8	8.55B	25
26	4.40B	3.08B	6.81	6.57	4.71	8.11	0.587	0.108	2.31	5.18	17.3	8.40B	26
27	4.55B	3.04B	12.8	4.10	4.58	8.10	0.548	0.104	2.14	5.31	15.4	8.25B	27
28	4.70B	3.00B	26.7	3.83	4.50	4.40	0.521	0.111	1.79	5.10	15.2	8.15B	28
29	4.80B		45.8	3.78	4.08	3.82	0.517	0.107	1.83	4.37	17.4	8.08B	29
30	5.15B		49.0	4.08	3.48	3.45	0.882	0.101	1.62	3.87	18.1	8.00B	30
31	5.45B		41.0		3.26		0.517	0.088		3.74		4.85B	31
TOTAL	159.41	111.18	267.89	653.32	284.21	157.89	47.743	8.828	16.926	87.812	442.31	238.48	TOTAL
MEAN	5.14	3.87	8.28	21.8	8.52	5.28	1.54	0.220	0.521	2.83	14.7	7.69	MEAN
MAX	6.88	5.00	49.0	45.2	15.6	9.88	3.07	0.451	2.80	5.31	32.5	13.8	MAX
MIN	4.00	3.00	2.67	3.78	3.26	2.73	0.517	0.088	0.078	0.738	3.83	4.85	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.78
MAXIMUM DAILY, 49.0 ON MAR 30
MINIMUM DAILY, 0.078 ON SEP 22
MAXIMUM INSTANTANEOUS,
51.5 AT 00:55 EST ON MAR 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 32 58 N
LONG 77 10 45 W
DRAINAGE AREA, 713 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 800	JUL	4 130
FEB	8 800	AUG	880
MAR	24 800	SEP	1 380
APR	56 400	OCT	7 580
MAY	22 800	NOV	38 200
JUN	13 800	DEC	20 800

TOTAL DISCHARGE, 214 000 dam³

SOUTH BRANCH MUSKOKA RIVER AT BAYSVILLE - STATION NO. 02EB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.1	16.0	30.5	46.2	33.1	22.4	20.9	2.23	1.42	16.9	8.23	15.7	1
2	13.1	16.0	27.1	49.5	33.6	22.5	20.9	2.23	1.49	16.9	8.50	16.2	2
3	13.1	17.5	26.7	51.7	31.4	22.4	20.9	2.23	1.55	16.7	8.50	16.2	3
4	13.1	17.5	26.5	53.4	27.7	22.4	20.9	2.05	1.83	16.0	8.23	21.2	4
5	12.9	17.5	26.5	54.6	27.7	22.4	20.9	2.05	1.70	17.5	8.10	30.3	5
6	12.9	17.1	26.5	55.5	29.7	22.2	20.4	2.05	2.05	15.1	8.88	35.5	6
7	12.9	16.1	27.0	54.3	31.0	22.2	20.4	2.05	2.05	13.5	8.88	35.5	7
8	13.1	15.4	27.7	53.0	33.5	22.2	19.9	2.05	1.84	12.7	8.55	35.2	8
9	13.1	15.2	35.7	51.5	35.5	22.2	19.9	2.05	1.77	12.7	8.50	37.0	9
10	20.5	15.7	45.0	51.5	34.2	22.2	14.9	1.98	1.77	12.5	8.78	38.0	10
11	27.0	15.7	45.0	52.5	34.5	22.2	10.7	1.98	1.77	12.5	8.82	38.0	11
12	27.1	15.7	43.8	52.5	35.5	22.2	28.5	1.91	1.77	12.4	7.08	38.0	12
13	26.5	15.5	41.2	52.5	35.5	22.2	42.2	1.91	1.84	12.4	7.08	---	13
14	24.4	15.5	47.1	52.5	35.2	22.2	31.2	1.91	1.84	12.0	7.08	27.7	14
15	24.2	15.0	47.1	52.2	35.2	22.2	7.63	1.81	---	12.0	7.08	24.3	15
16	24.2	15.5	46.7	53.2	35.2	22.2	6.50	1.91	2.05	12.7	8.88	21.5	16
17	23.4	15.2	45.7	53.2	35.2	22.4	5.42	1.91	2.05	12.5	8.34	19.5	17
18	23.4	15.2	43.5	53.3	35.5	22.5	3.38	1.91	7.16	12.7	8.88	19.5	18
19	23.2	15.5	42.2	47.9	35.5	22.5	2.77	1.77	11.7	12.7	10.9	16.5	19
20	23.2	15.7	41.5	36.9	35.2	22.5	2.77	1.70	12.2	12.7	11.7	14.9	20
21	22.4	15.7	41.5	36.5	35.2	23.4	2.77	1.70	13.4	12.4	13.5	14.4	21
22	21.5	15.5	41.2	36.0	35.2	23.5	2.59	1.77	17.0	12.0	13.1	14.4	22
23	21.9	15.5	40.5	36.4	35.2	37.0	2.59	1.77	18.9	8.88	13.1	13.5	23
24	28.1	14.0	38.5	38.4	34.9	60.1	2.41	1.77	18.9	8.64	13.5	13.1	24
25	30.7	17.5	38.0	40.1	34.9	61.1	2.41	1.77	18.9	8.64	14.0	12.9	25
26	30.0	17.5	35.5	35.2	38.9	62.5	2.32	1.70	18.4	8.64	14.0	12.5	26
27	29.7	17.5	34.5	31.0	42.2	47.8	2.32	1.83	18.7	8.64	14.0	12.5	27
28	25.6	25.8	34.5	31.0	42.9	31.0	2.41	---	18.5	8.22	14.0	12.5	28
29	20.1		34.5	---	42.9	27.5	2.32	1.83	18.2	8.22	15.7	12.5	29
30	18.5		34.5	33.1	40.5	21.4	2.23	1.83	18.9	8.22	16.7	12.5	30
31	18.5		33.4		30.5		2.23	1.49		7.18		12.5	31
TOTAL	648.8	520.0	1 221.4	---	1 085.5	843.5	385.77	---	---	383.88	288.44	---	TOTAL
MEAN	20.9	18.6	39.4	---	35.0	28.1	11.8	---	---	12.4	9.85	---	MEAN
MAX	30.7	25.8	54.6	---	42.9	62.5	42.2	---	---	18.9	16.7	---	MAX
MIN	12.8	17.1	26.5	---	27.7	21.4	2.23	---	---	7.18	8.06	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 54.6 ON MAR 30
MINIMUM DAILY, 1.42 ON SEP 1

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 45 06 50 N
LONG 79 06 50 W
DRAINAGE AREA, 1 380 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	56 100	JUL	31 800
FEB	44 800	AUG	---
MAR	106 000	SEP	---
APR	---	OCT	33 200
MAY	83 800	NOV	25 000
JUN	72 800	DEC	---

SOUTH CASTOR RIVER AT KENMORE - STATION NO. 02LB020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2808	1.85 B	0.1878	3.77	1.17	0.547	0.217	0.148A	0.133	0.105	0.335	0.7808	1
2	0.2458	2.93 B	0.1638	6.03	1.80	0.584	0.188	0.150A	0.141	0.125	0.377	0.6808	2
3	0.2128	1.23 B	0.1488	8.78	7.18	0.613	0.186	0.151	0.148	0.138	0.371	0.6188	3
4	0.1988	0.7468	0.1488	10.8	8.04	0.598	0.174	0.150	0.135	0.115	0.377	0.5808	4
5	0.1818	0.3808	0.1418	12.8	3.80	0.578	0.171	0.150	0.127	0.110	0.368	0.4858	5
6	0.1708	0.3008	0.1398	8.40	4.23	0.578	0.156	0.512	0.132	0.117	0.384	0.4408	6
7	0.1818	0.2648	0.1358	5.81	13.7	0.478	0.145	0.505	0.130	0.133	0.448	0.3888	7
8	0.3538	0.2418	0.1338	3.88	12.4	0.407	0.143	0.442	0.138	0.138	0.834	0.3598	8
9	0.4848	0.2308	0.1318	3.05	8.32	0.357	0.134	0.347	0.143	0.123	0.824	0.3258	9
10	1.10 B	0.2198	0.1308	2.47	3.83	0.480	0.172	0.259	0.128	0.128	1.23	0.3058	10
11	0.8088	0.2108	0.1318	2.10	2.97	1.39	1.83	0.212	0.138	0.123	1.17	0.2808	11
12	0.3858	0.2058	0.1308	1.88	3.51	1.11	1.26	0.198	0.126	0.131	0.898	0.2608	12
13	0.3608	0.2008	0.1308	1.74	4.97	0.747	0.678	0.167	0.137	0.148	0.852	0.2408	13
14	0.3208	0.1888	0.1318	1.63	5.85	0.600	5.463	0.175	0.137	0.143	1.07	0.2238	14
15	0.2958	0.2208	3.82 B	1.90	5.30	0.517	0.328	0.178	0.135	0.135	5.80	0.2178	15
16	0.2898	0.2148	8.88 B	1.88	3.47	0.487	0.280	0.188	0.137	0.154	7.78	0.2078	16
17	0.2618	0.2088	5.10 B	2.03	2.47	0.841	0.211	0.174	0.135	0.187	8.82	0.1878	17
18	0.2408	0.2048	3.30 B	2.88	1.93	1.74	0.190	0.169	0.124	0.241	4.09	0.1808	18
19	0.2308	0.2008	2.00 B	2.70	1.58	1.33	0.175	0.162	0.112	0.251	2.71	0.1848	19
20	0.2208	0.1958	1.32 B	2.21	1.31	0.980	0.165	0.188	0.138	0.404	2.48	0.1818	20
21	0.2148	0.1918	0.7808	1.87	1.18	0.800	0.147	0.190	0.125	0.773	4.61	0.1778	21
22	0.2068	0.1878	0.6748	1.87	0.978	0.670	0.151	0.183	0.134	0.803	3.20 B	0.1738	22
23	0.2008	0.1828	0.6008	1.48	0.868	0.570	0.157	0.161	0.171	0.588	2.60 B	0.1718	23
24	0.1988	0.1798	0.5458	1.34	0.783	0.501	0.154	0.144	0.168	0.552	1.70 B	0.1888	24
25	0.1928	0.1768	0.4808	1.27	0.735	0.448	0.253	0.130	0.155	0.479	1.25 B	0.1698	25
26	0.1898	0.1708	2.08 B	1.18	0.878	0.388	0.216	0.172	0.152	0.405	1.03 B	0.1858	26
27	0.1858	0.1878	22.5 B	1.18	0.710	0.337	0.222	0.138	0.142	0.380	0.8408	0.1648	27
28	0.1848	0.1638	36.1 B	1.13	0.891	0.302	0.315	0.127	0.138	0.341	0.8828	0.1838	28
29	0.1868		28.7 B	1.12	0.878	0.272	0.274	0.133	0.132	0.314	0.8408	0.1828	28
30	0.1868		10.4	1.11	0.558	0.240	0.183	0.136	0.128	0.308	0.8208	0.1818	30
31	0.4248		8.21		0.580		0.149	0.134		0.278		0.1808	31
TOTAL	9.130	11.883	130.205	99.84	101.889	19.814	9.267	8.337	4.119	8.883	57.337	8.883	TOTAL
MEAN	0.295	0.424	4.20	3.33	3.28	0.650	0.288	0.204	0.137	0.277	1.91	0.288	MEAN
MAX	1.10	2.93	36.1	12.8	13.7	1.74	1.83	0.512	0.171	0.903	7.78	0.780	MAX
MIN	0.181	0.183	0.130	1.11	0.558	0.240	0.134	0.127	0.112	0.105	0.335	0.180	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.28
MAXIMUM DAILY, 36.1B ON MAR 26
MINIMUM DAILY, 0.105 ON OCT 1

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 13 40 N
LONG 78 24 48 W
DRAINAGE AREA, 169 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	788	JUL	801
FEB	1 030	AUG	548
MAR	11 200	SEP	356
APR	8 630	OCT	742
MAY	8 780	NOV	4 990
JUN	1 880	DEC	774

TOTAL DISCHARGE, 40 300 dam³

SOUTH MAITLAND RIVER AT SUMMERHILL - STATION NO. 02FE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.805	19.5	0.8808	11.5 A	0.876	5.13	0.404	0.062	0.101	0.078	0.108	5.85	1
2	4.508	14.5 B	0.8508	7.31A	0.885	5.85	0.366	0.055	0.100	0.078	0.138	4.70 B	2
3	4.058	9.458	0.9308	7.67	0.836	4.04	0.340	0.044	0.084	0.078	0.280	3.03 B	3
4	3.418	8.608	0.9108	13.0 A	0.787	3.13	0.308	0.143	0.085	0.070	0.212	2.28 B	4
5	2.928	4.508	1.12 B	11.5 A	0.805	2.51	0.291	0.241	0.093	0.088	0.200	1.87 B	5
6	2.858	3.388	1.84 B	8.70	1.01	1.98	0.272	0.226	0.088	0.077	0.213	1.50 B	6
7	2.438	2.878	1.48 B	7.12	0.917	1.58	0.250	0.208	0.087	0.078	0.248	1.24 B	7
8	17.2 B	2.178	1.29 B	8.57	0.916	1.28	0.228	0.172	0.082	0.165	0.317	1.04 B	8
9	30.0 B	1.888	1.04 B	6.37	0.888	1.08	0.198	0.135	0.087	0.128	0.414	0.8808	9
10	23.5	1.708	1.84 B	3.58	0.784	0.978	0.174	0.114	0.088	0.188	0.472	0.9858	10
11	20.5 B	1.538	4.20 B	3.47	0.732	0.820	0.152	0.102	0.091	0.284	0.465	0.8508	11
12	12.5 B	1.418	10.8 B	5.58	0.884	0.762	0.128	0.087	0.084	0.232	0.442	0.7808	12
13	7.788	1.308	11.5 B	6.27	1.22	0.686	0.128	0.073	0.078	0.230	0.400	0.7008	13
14	5.108	1.348	10.5 B	8.04	1.15	0.832	0.122	0.080	0.077	0.213	0.385	0.6408	14
15	4.088	1.478	23.0 B	10.8	1.15	0.773	0.114	0.087	0.073	0.178	1.37	0.8058	15
16	3.188	1.358	24.0 B	10.8	1.10	3.86	0.108	0.138	0.078	0.143	13.2	0.8708	16
17	2.808	1.258	12.5 B	14.1	0.928	1.95	0.103	0.158	0.138	0.128	13.4	0.8408	17
18	2.308	1.238	8.10 B	9.47	0.786	1.38	0.095	0.118	0.116	0.130	7.15 B	0.8308	18
19	2.708	1.188	4.70 B	7.38	0.724	1.08	0.092	0.083	0.107	0.127	3.15 B	0.8008	19
20	2.508	1.188	3.72 B	8.12	0.728	1.21	0.100	0.084	0.100	0.138	5.61	0.4808	20
21	2.428	1.208	3.36 B	4.07	0.812	5.25	0.107	0.080	0.084	0.153	17.0	0.4788	21
22	2.828	1.158	3.17 B	2.90	0.841	6.89	0.108	0.077	0.081	0.163	11.4	0.4658	22
23	2.418	1.108	3.30 B	2.18	0.897	2.90	0.104	0.086	0.117	0.155	8.58	0.4558	23
24	2.768	1.058	8.30 B	1.81	0.851	1.75	0.095	0.077	0.122	0.153	3.10 B	0.4458	24
25	3.058	1.038	23.2	1.83	1.03	1.28	0.088	0.085	0.110	0.152	2.70 B	0.4408	25
26	7.208	1.058	28.4	1.88	1.30	0.985	0.085	0.058	0.110	0.140	3.05	0.4308	26
27	10.5 B	1.068	27.4	1.45	1.28	0.810	0.073	0.048	0.105	0.130	8.73	0.4258	27
28	8.628	1.048	28.1	1.40	0.985	0.882	0.087	0.049	0.091	0.116	21.9	0.4208	28
29	7.158		34.5	1.23	0.813	0.570	0.058	0.070	0.088	0.110	24.1	0.4188	29
30	13.8		29.5	1.08	1.74	0.486	0.058	0.083	0.083	0.107	14.4	0.4158	30
31	17.3		19.8 A		4.03		0.081	0.089		0.107		0.8458	31
TOTAL	248.27	88.78	335.030	196.80	32.428	84.234	4.873	3.188	2.888	4.263	158.085	35.777	TOTAL
MEAN	7.84	3.17	10.8	6.55	1.05	2.14	0.157	0.102	0.088	0.137	5.27	1.18	MEAN
MAX	33.5	19.5	34.5	19.8	4.03	6.89	0.404	0.241	0.136	0.284	24.1	5.85	MAX
MIN	2.30	1.03	0.910	1.09	0.851	0.486	0.058	0.044	0.073	0.088	0.108	0.415	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.21
MAXIMUM DAILY, 34.5 ON MAR 28
MINIMUM DAILY, 0.044 ON AUG 3
MAXIMUM INSTANTANEOUS,
35.0 AT 19:00 EST ON MAR 29

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 41 04 N
LONG 81 32 38 W
DRAINAGE AREA, 378 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	21 300	JUL	421
FEB	7 670	AUG	274
MAR	26 900	SEP	248
APR	17 000	OCT	367
MAY	2 800	NOV	13 700
JUN	5 550	DEC	3 090

TOTAL DISCHARGE, 101 000 dam³

SOUTH NATION RIVER AT CASSELMAN - STATION NO. 02LB013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	77.7	---	---	---	---	---	---	5.22	14.8 B	1
2	---	---	---	78.8	---	---	---	---	---	---	8.28	9.30 B	2
3	---	---	---	---	---	---	---	---	---	---	8.88	7.80 B	3
4	---	---	---	105	82.5	---	---	---	---	---	2.51	8.80 B	4
5	---	---	---	128	60.1	---	---	---	---	---	1.88	8.90 B	5
6	---	---	---	157	58.8	---	---	---	---	---	---	---	6
7	---	---	---	104	61.4	---	---	---	---	---	8.28	9.20 B	7
8	---	---	---	93.5	126	---	---	---	---	---	8.11	7.80 B	8
9	---	---	---	81.4	148	---	---	---	---	---	8.04	6.58 B	9
10	---	---	---	68.7	84.8	---	---	---	---	---	16.1	1.30 B	10
11	---	---	---	59.0	65.4	---	---	---	---	---	25.5	0.8208	11
12	---	---	---	50.8	50.7	---	---	---	---	---	18.8	4.80 B	12
13	---	---	---	24.8	48.2	36.7	---	---	---	---	13.5	4.28 B	13
14	---	---	---	22.5	101	---	---	---	---	---	16.4	4.10 B	14
15	---	---	---	22.7	108	---	---	---	---	---	28.0	3.23 B	15
16	---	---	131	34.8	80.1	---	---	---	---	---	88.2	3.17 B	16
17	---	---	188	25.8	82.0	---	---	---	---	---	133	---	17
18	---	---	106	36.1	43.8	38.0	---	---	---	---	128	---	18
19	---	---	83.0	39.0	31.1	78.1	---	---	---	---	73.0	---	19
20	---	---	84.0	45.5	---	48.8	---	---	---	---	82.8	---	20
21	---	---	43.2	35.8	---	39.6	---	---	---	---	60.5	---	21
22	---	---	38.3	28.8	---	29.8	---	---	---	---	85.1	---	22
23	---	---	18.8	23.5	---	---	---	---	---	---	58.2	---	23
24	---	---	9.47	18.5	---	---	---	---	---	---	43.3	---	24
25	---	---	7.88	17.2	---	---	---	---	---	---	26.6	---	25
26	---	---	8.17	18.4	---	---	---	---	---	---	18.7	---	26
27	---	---	82.3	14.3	---	---	---	---	---	---	13.2	---	27
28	---	---	257	13.3	---	---	---	---	---	---	16.2	---	28
29	---	---	415	12.8	---	---	---	---	---	---	17.8	---	29
30	---	---	430	11.8	---	---	---	---	---	---	18.2	---	30
31	---	---	183	12.1	---	---	---	---	---	---	21.2	---	31
TOTAL	---	---	---	1 349.2	---	---	---	---	---	---	894.60	---	TOTAL
MEAN	---	---	---	45.0	---	---	---	---	---	---	33.2	---	MEAN
MAX	---	---	---	157	---	---	---	---	---	---	128	---	MAX
MIN	---	---	---	11.8	---	---	---	---	---	---	1.88	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 430 ON MAR 29

MAXIMUM INSTANTANEOUS,
513 AT 01:24 EST ON MAR 29

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 19 01 N
LONG 75 05 32 W
DRAINAGE AREA, 2 410 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	117 000	OCT	---
MAY	---	NOV	65 900
JUN	---	DEC	---

SOUTH NATION RIVER AT CHESTERVILLE - STATION NO. 02LB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.6088	44.1	---	---	---	---	---	---	---	---	1
2	---	---	---	37.7	---	---	---	---	---	---	---	---	2
3	---	---	---	48.7	---	---	---	---	---	---	---	---	3
4	---	---	---	51.0	---	---	---	---	---	---	---	---	4
5	---	---	---	77.6	---	---	---	---	---	---	---	---	5
6	---	---	---	84.3	---	---	---	---	---	---	---	---	6
7	---	---	---	67.1	---	---	---	---	---	---	---	---	7
8	---	---	---	54.6	---	---	---	---	---	---	---	---	8
9	---	---	---	37.7	---	---	---	---	---	---	---	---	9
10	---	---	---	32.1A	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	100 B	---	---	---	---	---	---	---	---	---	27
28	---	---	155 B	---	---	---	---	---	---	---	---	---	28
29	---		182	---	---	---	---	---	---	---	---	---	29
30	---		106	---	---	---	---	---	---	---	---	---	30
31	---		71.4		---		---	---		---			31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 182 ON MAR 28

MAXIMUM INSTANTANEOUS,
208 AT 04:30 EST ON MAR 28

REMARKS - SEASONAL OPERATION (FRESHET) ONLY

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 08 03 N
LONG 75 13 38 W
DRAINAGE AREA, 1 080 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

SOUTH NATION RIVER AT SPENCERVILLE - STATION NO. 02LB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.461	5.22	0.183	10.0	2.14	0.940	0.781	0.262	0.038	0.089	0.858	3.81	1
2	0.414	4.28	0.200	8.588	2.78	1.14	0.688	0.253	0.100	0.084	1.02	2.82	2
3	0.385	3.10	0.186	10.0 B	6.84	1.61	0.585	0.222	0.117	0.097	1.10	2.41	3
4	0.383	1.72	0.167	12.6 B	8.35	2.35	0.523	0.208	0.105	0.088	1.08	2.03	4
5	0.347	1.04	0.188	10.5	8.73	3.00	0.471	0.193	0.098	0.073	1.03	1.81	5
6	0.332	0.737	0.139	16.2	8.34	2.86	0.428	0.202	0.082	0.084	1.20	1.71	6
7	0.288	0.587	0.182	11.8	11.4	2.43	0.408	0.236	0.088	0.074	1.38	1.81	7
8	1.38	0.508	0.141	9.84	17.0	1.74	0.388	0.211	0.086	0.087	2.21	1.50	8
9	2.17	0.454	0.120	8.67	12.8	1.38	0.400	0.187	0.047	0.081	3.28	1.36	9
10	2.68	0.400	0.119	7.09	8.95	2.45	0.514	0.158	0.044	0.081	4.11	1.26	10
11	2.65	0.391	0.120	5.85	8.86	5.87	0.616	0.127	0.041	0.085	4.38	1.15	11
12	1.76	0.341	0.103	4.88	7.98	5.80	0.551	0.107	0.033	0.084	4.08	1.07	12
13	1.08	0.308	0.100	4.52	10.1	4.31	1.33	0.088	0.029	0.074	3.85	0.975	13
14	0.733	0.284	0.141	4.40	9.84	3.30	2.80	0.078	0.028	0.074	3.34	0.859	14
15	0.808	0.298	4.89 B	4.42	8.35	2.46	2.59	0.068	0.043	0.074	4.37	0.748	15
16	0.642	0.328	17.6 B	4.56	8.20	1.87	1.83	0.058	0.045	0.088E	5.08	0.888	16
17	0.516	0.275	17.6 B	4.68	8.07	3.38	1.38	0.058E	0.068	0.113E	5.85	0.834	17
18	0.428	0.273	8.60 B	5.37	4.21	8.01	1.06	0.053E	0.058	0.181E	9.23	0.580	18
19	0.431	0.273	3.63	5.72	3.51	8.68	0.837	0.050E	0.058	0.217	7.87	0.580	19
20	0.448	0.248	2.12	5.36	2.88	5.77	0.678	0.047E	0.068	0.403	6.23 B	0.530	20
21	0.418	0.267	1.50	4.84	2.38	4.50	0.581	0.044E	0.057	0.872	5.70 B	0.505	21
22	0.378	0.318	1.19	4.12	1.90	3.51	0.498	0.041E	0.052	1.41	5.14 B	0.486	22
23	0.382	0.357	0.920	3.84	1.58	2.85	0.441	0.038E	0.106	1.63	4.81 B	0.472	23
24	0.330	0.364	0.829	3.21	1.45	2.38	0.385	0.038E	0.131	1.58	4.16 B	0.417	24
25	0.311	0.376	1.19 B	2.85	1.25	2.06	0.368	0.034E	0.141	1.63	3.37	0.400	25
26	0.316	0.334	5.89 B	2.63	1.18	1.81	0.360	0.033E	0.127	1.45	2.88	0.408	26
27	0.278	0.284	14.8 B	2.45	1.15	1.58	0.311	0.032E	0.117	1.36	2.83	0.388	27
28	0.298	0.211	28.3 B	2.28	1.08	1.31	0.382	0.032E	0.104	1.22	3.47	0.389	28
29	0.337		30.4 B	2.24	1.04	1.11	0.338	0.033	0.085	1.11	4.18	0.371	29
30	0.881		22.5 B	2.38	0.950	0.813	0.313	0.032	0.072	0.940	4.13	0.378	30
31	2.42		16.1 B		0.951		0.288	0.028		0.857		0.375	31
TOTAL	24.438	23.885	185.877	184.19	182.061	86.893	23.295	3.260	2.204	18.218	115.388	32.630	TOTAL
MEAN	0.788	0.841	5.00	6.47	5.23	2.90	0.751	0.105	0.073	0.823	3.85	1.05	MEAN
MAX	2.65	5.22	30.4	16.5	17.0	8.68	2.80	0.262	0.141	1.83	9.23	3.81	MAX
MIN	0.278	0.211	0.100	2.24	0.950	0.813	0.288	0.028	0.028	0.081	0.858	0.371	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.38
MAXIMUM DAILY, 30.48 ON MAR 28
MINIMUM DAILY, 0.028 ON SEP 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 50 32 N
LONG 75 32 38 W
DRAINAGE AREA, 248 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 110	JUL	2 010
FEB	2 040	AUG	262
MAR	16 100	SEP	180
APR	16 800	OCT	1 600
MAY	14 000	NOV	8 970
JUN	7 520	DEC	3 820

TOTAL DISCHARGE, 78 200 dam³

SOUTH NATION RIVER NEAR PLANTAGENET SPRINGS - STATION NO. 02LB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.188	9.008	2.248	333	24.9	11.8	5.86	3.37	2.89	1.32	8.89	21.7 B	1
2	4.628	54.0 B	2.108	238	27.8	10.8	4.12	3.81	4.87	1.32	9.80	20.7 B	2
3	4.058	21.0 B	1.888	242	82.8	10.7	3.74	3.28	5.88	1.30	10.0	19.8 B	3
4	3.748	16.1 B	1.408	247	124	12.3	3.52E	4.21	3.57	1.82	10.4	18.6 B	4
5	3.728	13.1 B	1.708	297	100	18.0	3.28E	5.37	2.47	2.59	9.11	18.4 B	5
6	3.898	11.0 B	1.608	285	87.6	18.8	3.05E	7.78	2.13	3.44	12.3	18.8 B	6
7	3.858	10.0 B	1.808	198	137	15.1	2.80E	18.7	2.04	2.88	18.4	18.5 B	7
8	3.808	9.108	1.458	145	214	12.7	2.60E	14.7	1.48	1.85	19.8	14.0 B	8
9	8.508	8.408	1.398	108	170	10.4	2.39	10.8	1.44	1.31	28.4	12.0 B	9
10	12.2 B	7.808	1.338	80.7	118	12.5	2.15	9.75	1.31	1.33	46.9	11.0 B	10
11	17.0 B	7.158	1.288	83.4	80.1	25.0	3.85	7.63	1.30	1.31	63.8	8.388	11
12	12.1 B	6.558	1.228	80.3	87.7	40.2	12.8	6.22	1.39	1.28	38.5	8.428	12
13	9.308	6.058	1.188	44.1	107	34.8	11.8	3.88	1.26	1.88	30.1	7.808	13
14	8.008	5.858	1.208	43.4	174	26.8	7.80	3.71	1.33	1.88	35.8	8.458	14
15	7.208	5.408	4.808	43.6	177	19.5	5.85	3.81	1.37	1.85	139	8.808	15
16	6.508	5.708	240 B	44.7	124	16.7	4.55	2.87	1.38	1.82	232	5.108	16
17	5.908	5.278	183 B	47.9	78.1	33.3	3.80E	1.92	1.41	2.14	284	4.858	17
18	5.428	4.818	120 B	64.2	82.8	113	2.85E	1.62	1.36	2.39	183	4.258	18
19	5.058	4.528	72.6 B	73.2	38.6	58.8	2.30E	1.32	1.33	2.14	123	3.858	19
20	4.728	4.208	52.5 B	85.8	31.7	84.0	1.90E	1.45	1.32	5.85	90.9	3.708	20
21	4.378	4.038	37.0 B	52.3	26.3	48.4	1.73E	3.51	1.28	27.9	124	3.448	21
22	4.058	3.928	25.8 B	44.0	21.4	34.3	1.80E	4.01	1.36	37.8	124	3.238	22
23	3.838	3.808	19.1 B	38.4	20.7	26.8	1.48E	2.97	2.03	31.8	76.8	3.108	23
24	3.648	3.608	18.4 B	34.3	18.8	21.0	1.38	2.22	2.21	26.2	51.7 B	3.038	24
25	3.408	3.428	17.4 B	32.6	17.1	18.1	1.58	2.38	2.15	19.2	38.6 B	3.018	25
26	3.038	3.188	19.0 B	30.4	15.8	15.4	2.93	2.12	1.54	12.8	31.5 B	3.008	26
27	2.808	2.828	170 B	28.1	15.6	13.2	3.34	1.84	1.92	12.1	27.6 B	2.978	27
28	2.358	2.688	385 B	26.8	15.7	9.84	3.16	1.40	1.88	11.7	26.8 B	2.958	28
29	2.068		536 B	25.6	14.5	8.31	2.73	1.42	1.21	9.45	25.6 B	2.928	29
30	1.918		889	24.8	12.8	7.83	2.41	1.16	1.23	8.17	26.0 B	2.908	30
31	1.838		499		12.7		2.43	1.32		7.76		2.888	31
TOTAL	187.31	243.33	3 092.36	3 019.2	2 185.7	800.06	114.57	137.28	62.10	248.18	1 901.70	284.23	TOTAL
MEAN	5.40	8.69	99.8	101	70.5	26.7	3.70	4.43	2.07	7.84	63.4	8.52	MEAN
MAX	17.0	54.0	889	333	214	113	12.8	18.7	8.87	37.8	284	21.7	MAX
MIN	1.81	2.68	1.18	34.8	12.7	7.83	1.38	1.16	1.21	1.32	8.89	2.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.8
MAXIMUM DAILY, 889 ON MAR 30
MINIMUM DAILY, 1.18 ON AUG 30

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 30 23 N
LONG 74 57 20 W
DRAINAGE AREA, 3 810 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 800	JUL	9 800
FEB	21 000	AUG	11 800
MAR	267 000	SEP	5 370
APR	261 000	OCT	21 300
MAY	189 000	NOV	164 000
JUN	69 100	DEC	22 800

TOTAL DISCHARGE, 1 050 000 dam³

SOUTH PARKHILL CREEK NEAR PARKHILL - STATION NO. 02FF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.182	1.88	0.0088	0.243	0.053	0.123	0.002	0	0	0.088	0.030	0.244	1
2	0.138	0.507	0.0078	0.208	0.048	0.544	0.001	0	0	0.068	0.028	0.212	2
3	0.1038	0.324	0.0068	0.850	0.041	0.373	0.001	0	0	0.070	0.038	0.180	3
4	0.0888	0.189	0.0238	1.34	0.037	0.183	0	0	0	0.068	0.081	0.137	4
5	0.0748	0.138	0.0718	0.838	0.073	0.118	0	0	0	0.087	0.231	0.1188	5
6	0.0718	0.1008	0.0848	1.15	0.388	0.082	0	0	0	0.080	0.248	0.1048	6
7	0.077	0.0828	0.0488	0.738	0.187	0.058	0	0	0	0.085	0.532	0.0888	7
8	5.12	0.0628	0.033	0.470	0.128	0.050	0	0	0.001	0.087	1.26	0.0858	8
9	0.886	0.0498	0.048	0.331	0.098	0.041	0	0	0.002	0.083	0.772	0.0848	9
10	0.448	0.0388	0.117	0.298	0.078	0.041	0	0.138	0.002	0.398	0.532	0.100	10
11	0.234	0.0388	0.361	0.258	0.072	0.030	0	0.028	0.001	0.827	0.314	0.088	11
12	0.1858	0.0348	0.448	0.434	0.072	0.017	0	0.004	0	0.321	0.212	0.078	12
13	0.1408	0.0328	0.178	1.83	0.074	0.026	0	0.002	0	0.188	0.157	0.071	13
14	0.1108	0.0358	0.188	1.26	0.085	0.027	0	0.001	0	0.108	0.488	0.068	14
15	0.0858	0.0368	1.01	0.885	0.089	0.021	0	0.001	0	0.089	5.82	0.089	15
16	0.0888	0.0328	0.363	0.808	0.083	0.017	0	0.002	0	0.070	8.87	0.085	16
17	0.0808	0.0278	0.318	0.441	0.042	0.018	0	0.002	0.081	0.081	1.88	0.0498	17
18	0.091	0.0238	5.83	0.383	0.034	0.022	0	0	0.042	0.084	0.827	0.0458	18
19	0.118	0.0228	3.58	0.304	0.033	0.017	0	0	0.008	0.057	0.411	0.0418	19
20	0.0958	0.0218	1.36	0.228	0.048	0.122	0	0	0.004	0.089	0.893	0.0388	20
21	0.073	0.0248	0.858	0.171	0.170	0.071	0	0	0.003	0.084	0.559	0.0388	21
22	0.080	0.0208	0.438	0.138	0.098	0.053	0	0	1.24	0.078	0.347	0.0328	22
23	0.080	0.0188	0.844	0.114	0.071	0.040	0	0	1.82	0.086	0.280	0.0318	23
24	0.171	0.0128	0.750	0.097	0.058	0.022	0	0.001	0.528	0.068	0.245	0.0308	24
25	0.213	0.0098	0.948	0.088	0.058	0.013	0	0	0.284	0.064	0.224	0.0298	25
26	1.13	0.0108	0.901	0.087	0.188	0.008	0	0	0.133	0.082	0.389	0.0288	26
27	0.872	0.0128	0.778	0.077	0.130	0.008	0	0	0.082	0.044	0.474	0.0288	27
28	0.388	0.0108	0.778	0.077	0.077	0.008	0	0	0.088	0.035	1.88	0.0288	28
29	0.480		0.767	0.088	0.088	0.004	0	0	0.080	0.033	0.817	0.0288	29
30	1.88		0.510	0.089	0.081	0.003	0	0	0.081	0.028	0.388	0.0308	30
31	1.11		0.341		0.077		0	0		0.028		0.0808	31
TOTAL	14.387	3.884	21.384	13.788	3.712	2.188	0.004	0.174	4.288	3.488	28.248	2.307	TOTAL
MEAN	0.483	0.138	0.688	0.488	0.087	0.072	0	0.008	0.143	0.112	0.942	0.074	MEAN
MAX	5.12	1.88	5.83	1.83	0.388	0.544	0.002	0.138	1.82	0.827	5.87	0.244	MAX
MIN	0.071	0.008	0.008	0.088	0.033	0.003	0	0	0	0.028	0.028	0.028	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.288
MAXIMUM DAILY, 5.87 ON NOV 16
MINIMUM DAILY, 0 ON JUL 4
MAXIMUM INSTANTANEOUS,
17.4 AT 23:51 EST ON NOV 16

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 08 38 N
LONG 81 43 58 W
DRAINAGE AREA, 41.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 240	JUL	0.38
FEB	338	AUG	15.0
MAR	1 840	SEP	370
APR	1 190	OCT	288
MAY	234	NOV	2 440
JUN	168	DEC	199

TOTAL DISCHARGE, 8 350 dam³

SOUTH RAISIN RIVER DIVERSION AT LONG SAULT - STATION NO. 02MC009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	0.084	---	---	---	---	1
2	---	---	---	---	---	---	---	0.240A	---	---	---	---	2
3	---	---	---	---	---	---	---	0.288	---	---	---	---	3
4	---	---	---	---	---	---	---	0.291A	---	---	---	---	4
5	---	---	---	---	---	---	---	0.294	---	---	---	---	5
6	---	---	---	---	---	---	---	0.285	---	---	---	---	6
7	---	---	---	---	---	---	---	0.276	---	---	---	---	7
8	---	---	---	---	---	---	---	0.273	---	---	---	---	8
9	---	---	---	---	---	---	---	0.264	---	---	---	---	9
10	---	---	---	---	---	---	---	0.259	---	---	---	---	10
11	---	---	---	---	---	---	---	0.262	---	---	---	---	11
12	---	---	---	---	---	---	---	0.257	---	---	---	---	12
13	---	---	---	---	---	---	---	0.248	---	---	---	---	13
14	---	---	---	---	---	---	---	0.243	---	---	---	---	14
15	---	---	---	---	---	---	---	0.243	---	---	---	---	15
16	---	---	---	---	---	---	---	0.247	---	---	---	---	16
17	---	---	---	---	---	---	---	0.239	---	---	---	---	17
18	---	---	---	---	---	---	---	0.229	---	---	---	---	18
19	---	---	---	---	---	---	---	0.226	---	---	---	---	19
20	---	---	---	---	---	---	---	0.230	---	---	---	---	20
21	---	---	---	---	---	---	---	0.131	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 01 45 N
LONG 74 53 30 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

SOUTH RAISIN RIVER NEAR CORNWALL - STATION NO. 02MC030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.854	---	---	---	---	---	---	---	---	1
2	---	---	0.034B	1.79	---	---	---	---	---	---	---	---	2
3	---	---	---	2.33	1.12	---	---	---	---	---	---	---	3
4	---	---	---	2.91 A	0.858	---	---	---	---	---	---	---	4
5	---	---	---	3.08 A	---	---	---	---	---	---	---	---	5
6	---	---	---	1.77	1.10	---	---	---	---	---	---	---	6
7	---	---	---	1.28	1.24	---	---	---	---	---	---	---	7
8	---	---	---	0.979	0.899	---	---	---	---	---	---	---	8
9	---	---	---	0.834	0.899	---	---	---	---	---	---	---	9
10	---	---	---	0.747	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	0.813	---	---	---	---	---	---	---	13
14	---	---	---	0.709	1.47	---	---	---	---	---	---	---	14
15	---	---	---	0.763	0.898	---	---	---	---	---	---	---	15
16	---	---	---	0.818	0.712	---	---	---	---	---	---	---	16
17	---	---	---	0.763	---	---	---	---	---	---	---	---	17
18	---	---	---	1.08	---	---	---	---	---	---	---	---	18
19	---	---	---	0.861	---	---	---	---	---	---	---	---	19
20	---	---	---	0.737	---	---	---	---	---	---	---	---	20
21	---	---	0.088B	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	0.264A	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	5.86 B	---	---	---	---	---	---	---	---	---	28
29	---		4.58 B	---	---	---	---	---	---	---	---	---	29
30	---		2.29	---	---	---	---	---	---	---	---	---	30
31	---		1.74		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 03 05 N
LONG 74 48 25 W
DRAINAGE AREA, 26.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

REMARKS - SEASONAL OPERATION (MAR-MAY APPROX.)

SOUTH RIVER AT SOUTH RIVER - STATION NO. 02DD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.55	3.20E	2.77	21.0	9.33	5.32	5.08	3.28	1.75	1.09	1.88	3.65	1
2	4.33	3.23E	2.73	20.9	8.87	5.12	4.62	3.28	1.75	1.07	1.73	3.51	2
3	4.28	3.24A	2.87	18.8	9.30	4.98	4.25	3.21	1.74	1.00	1.73	3.44	3
4	4.20	3.47	3.21	17.3	8.95	4.81	4.06	3.10	1.70	0.986	1.74	3.38	4
5	4.00	3.48	3.22	18.9	8.88	4.87	4.17	2.99	1.63	0.958	1.72	3.28	5
6	3.81	3.50	3.12	17.1	11.1	4.42	4.07	2.89	1.55	0.984	1.88	4.42	6
7	3.88	3.46	3.02	16.1	12.2	4.18	3.89	2.75	1.49	0.982	2.02	5.63	7
8	3.87	3.53	2.93	13.6	13.8	4.03	3.57	2.65	1.43	0.988	2.12	5.54	8
9	4.64	3.54	2.78	12.2	15.7	4.17	3.44	2.57	1.42	1.01	2.19	5.81	9
10	4.89	3.44	2.68	10.1	14.9	7.84	3.28	2.41	1.44	1.07	2.30	5.78	10
11	4.91	3.37	2.54	8.24	14.4	10.1	3.17	2.39	1.43	1.14	2.40	5.65	11
12	4.88	3.25	2.60	7.87	13.9	9.88	2.52	2.44	1.38	1.18	2.48	5.35	12
13	4.52	3.16	2.61	7.48	13.2	8.71	1.73	2.53	1.31	1.20	2.52	5.10	13
14	4.24	3.08	2.63	7.08	11.8	7.70	1.80	2.69	1.27	1.23	2.52	4.80B	14
15	4.01	2.97	3.46	7.13	11.4	7.00	1.88	2.78	1.23	1.23	2.82	4.51B	15
16	3.92	2.91	3.84	7.40	11.0	6.48	1.81	2.91	1.17	1.87	8.01	4.22B	16
17	3.81	2.82	4.27	8.58	10.2	6.06	1.28	2.88	1.14	2.69	7.38	4.01B	17
18	3.77	2.75	4.53	8.77	9.07	5.83	0.806	2.75	1.12	2.49	9.02	3.76	18
19	3.84	2.67	4.82	8.53	8.05	5.58	0.818	2.57	1.10	2.38	9.14	3.50	19
20	3.89	2.58	4.42	10.1	7.42	5.44	0.893	2.52	1.08	2.41	6.39	3.38B	20
21	4.15A	2.59	5.85	10.6	7.85	5.24	0.877	2.43	1.07	2.35	7.58	3.24B	21
22	4.17E	2.77	5.65	10.5	8.47	5.77	1.05	2.48	1.08	2.22	6.87	3.11B	22
23	4.10E	3.05	5.65	10.5	8.43	8.12	1.12	2.40	1.04	2.14	5.95	2.99	23
24	4.00E	3.09	4.52	10.2	7.71	9.20	1.15	2.30	1.10	2.04	5.38	2.83	24
25	3.85E	3.10	4.07	9.30	7.77	9.55	1.17	2.18	1.13	1.86	4.89	2.77	25
26	3.75E	3.05	4.03	8.11	7.93	9.00	1.19	2.05	1.12	1.89	4.51	2.70B	26
27	3.60E	2.95	4.34	8.87	7.34	8.08	1.42	1.85	1.15	1.78	4.24	2.65B	27
28	3.50E	2.87	5.95	10.9	7.10	7.12	1.98	1.88	1.14	1.73	4.28	2.60B	28
29	3.35E		8.89	10.8	6.74	6.37	2.89	1.77	1.12	1.65	4.00	2.60	29
30	3.25E		14.1	8.86	6.18	5.75	3.14	1.89	1.11	1.80	3.80	2.83	30
31	3.20E		18.5		5.53		3.30	1.62		1.59		2.48	31
TOTAL	124.85	87.15	152.08	345.82	303.90	196.05	76.539	78.20	39.08	49.055	121.85	119.18	TOTAL
MEAN	4.03	3.11	4.91	11.5	9.80	6.54	2.47	2.52	1.30	1.58	4.07	3.84	MEAN
MAX	4.91	3.54	18.5	21.0	15.7	10.1	5.08	3.28	1.75	2.69	9.14	5.81	MAX
MIN	3.20	2.58	2.54	7.08	5.53	4.03	0.806	1.62	1.04	0.958	1.72	2.48	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.64
MAXIMUM DAILY, 21.0 ON APR 1
MINIMUM DAILY, 0.806 ON JUL 18
MAXIMUM INSTANTANEOUS,
21.6 AT 23:59 EST ON APR 1

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 50 54 N
LONG 79 22 45 W
DRAINAGE AREA, 316 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 800	JUL	6 610
FEB	7 530	AUG	6 760
MAR	13 100	SEP	3 380
APR	29 900	OCT	4 240
MAY	26 300	NOV	10 500
JUN	16 900	DEC	10 300

TOTAL DISCHARGE, 146 000 dam³

SOUTH SAUGEEN RIVER NEAR HANOVER - STATION NO. 02FC012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.00B	15.2 B	1.89B	28.4	4.01	3.84	2.11	0.519	0.759	1.16	1.92	15.1 B	1
2	8.00B	15.0 B	1.88B	21.4	3.84	3.81	1.88	0.523	1.41	1.11	2.00	11.0 B	2
3	7.00B	13.0 B	1.87B	20.5	3.64	3.58	1.68	0.539	1.21	1.17	2.08	8.91B	3
4	6.20B	10.2 B	2.13B	27.4	3.55	3.70	1.50	0.839	0.958	1.11	2.13	7.40B	4
5	5.60B	8.00B	2.32B	30.9	3.75	3.80	1.68	2.52	0.833	1.06	2.07	7.18B	5
6	5.20B	6.10B	2.51B	31.5	4.82	3.46	2.09	2.19	0.814	1.09	2.30	6.80B	6
7	5.00B	5.20B	2.74B	31.7	6.12	2.90	1.56	1.98	0.812	1.14	3.07	6.52B	7
8	5.60B	4.50B	2.50B	25.8	7.09	2.50	1.10	1.36	0.817	1.17	4.23	6.18B	8
9	6.50B	4.00B	2.31B	20.2	7.84	2.34	1.03	1.12	1.09	1.18	5.19	5.75B	9
10	16.0 B	3.70B	2.19B	15.9	7.57	3.37	0.872	0.985	1.98	1.38	6.49	5.04B	10
11	15.0 B	3.40B	2.10B	12.7	6.82	4.71	0.855	0.908	1.66	2.21	6.56	4.42B	11
12	13.2 B	3.30B	2.04B	11.6	7.50	3.82	0.884	0.857	1.41	3.21	6.11	3.89B	12
13	10.9 B	3.20B	3.60B	11.4	13.0	3.08	0.895	0.827	1.23	2.78	5.38	3.50B	13
14	8.80B	3.10B	7.38B	11.3	15.4	2.68	0.819	0.841	1.10	2.55	4.89	3.12B	14
15	7.80B	3.20B	15.0 B	16.6	12.8	2.46	0.892	0.858	1.02	3.01	6.00	2.98B	15
16	6.50B	3.10B	35.0 B	28.0	8.34	2.37	0.778	0.905	0.974	3.71	27.4	2.85B	16
17	5.80B	3.00B	24.0 B	23.4	7.30	2.38	0.790	0.884	1.18	3.50	38.7	2.81B	17
18	5.40B	2.80B	17.0 B	21.0	5.85	2.36	0.751	0.815	1.36	3.69	28.7	2.78B	18
19	5.00B	2.55B	12.5 B	15.8	4.88	2.24	0.723	0.787	1.28	3.58	16.6	2.70B	19
20	4.60B	2.45B	9.80B	13.3	4.82	2.24	0.710	0.751	1.14	3.62	13.4	2.66B	20
21	4.20B	2.30B	9.10B	10.7	6.02	2.84	0.708	0.780	1.03	3.64	25.0 B	2.62B	21
22	4.00B	2.14B	8.50B	8.73	6.74	3.42	0.714	0.784	1.08	3.73	19.0 B	2.59B	22
23	3.80B	2.11B	8.00B	7.34	5.83	6.82	0.687	0.801	2.35	3.57	16.4 B	2.59B	23
24	3.70B	2.10B	8.20B	6.28	5.12	10.4	0.650	0.779	2.92	3.22	11.1 B	2.55B	24
25	3.60B	2.08B	9.00B	5.55	4.41	11.3	0.606	0.728	2.30	2.89	8.84B	2.54B	25
26	3.55B	2.05B	37.5 B	5.10	4.61	7.99	0.601	0.697	1.85	2.59	7.07B	2.59B	26
27	3.60B	2.03B	59.6 B	4.75	4.61	5.33	0.598	0.658	1.63	2.41	6.84B	2.62B	27
28	3.70B	2.01B	121 B	4.48	4.07	4.07	0.606	0.645	1.49	2.22	21.4	2.59B	28
29	3.90B		168 B	4.37	3.54	3.08	0.593	0.687	1.34	2.08	31.0 B	2.56B	29
30	4.80B		106	4.23	3.41	2.46	0.554	0.621	1.23	1.88	22.1 B	2.64B	30
31	9.50B		46.2		3.60		0.519	0.761		1.82		3.09B	31
TOTAL	205.35	131.98	734.46	481.21	181.78	119.08	29.340	28.910	40.259	73.72	350.13	140.59	TOTAL
MEAN	6.62	4.71	23.7	16.0	5.86	3.97	0.946	0.933	1.34	2.38	11.7	4.54	MEAN
MAX	16.0	15.2	168	31.7	15.4	11.3	2.11	2.52	2.92	3.73	38.7	15.1	MAX
MIN	3.55	2.01	1.87	4.23	3.41	2.24	0.519	0.519	0.759	1.06	1.92	2.54	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.92
MAXIMUM DAILY, 168B ON MAR 29
MINIMUM DAILY, 0.519 ON JUL 31

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 05 55 N
LONG 80 59 06 W
DRAINAGE AREA, 635 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	17 700	JUL	2 530
FEB	11 400	AUG	2 500
MAR	63 500	SEP	3 480
APR	41 600	OCT	6 370
MAY	15 700	NOV	30 300
JUN	10 300	DEC	12 100

TOTAL DISCHARGE, 218 000 dam³

SPANISH RIVER AT ESPANOLA - STATION NO. 02CE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	141	124	102	188	361	177	288	36.8	48.6	28.8	54.9	88.5	1
2	138	124	88.8	188	388	178	223	37.2	80.1	30.3	54.2	57.8	2
3	138	126	103	188	381	188	178	34.1	44.0	87.3	44.4	45.8	3
4	134	128	108	177	388	187	180	48.0	88.1	88.8	38.0	44.1	4
5	137	123	108	239	339	174	151	38.4	53.8	83.8	48.8	83.1	5
6	128	117	88.2	247	328	177	118	38.1	88.4	88.0	52.8	70.8	6
7	124	121	78.8	281	328	178	131	38.4	83.0	30.1	72.2	77.3	7
8	140	122	78.8	273	338	188	144	33.3	70.7	28.8	88.0	87.8	8
9	142	122	77.8	280	338	172	140	43.4	48.4	28.0	88.8	40.1	9
10	130	120	77.4	284	304	185	134	84.3	48.8	33.1	78.9	34.3	10
11	138	121	81.3	248	303	212	113	81.7	53.2	87.4	81.2	42.4	11
12	138	108	83.3	228	281	187	88.8	81.3	88.8	81.8	73.1	88.0	12
13	138	88.8	74.8	214	273	178	102	80.8	87.2	48.2	83.8	74.8	13
14	138	117	78.8	188	281	187	74.1	81.8	87.1	24.1	70.8	87.8	14
15	138	108	73.7	182	240	188	82.8	83.8	88.7	23.8	82.0	78.8	15
16	138	100	77.5	182	227	173	81.8	83.0	48.3	24.2	88.3	42.0	16
17	138	108	78.1	181	178	281	80.3	48.7	38.8	47.8	84.8	28.0	17
18	134	88.8	77.8	208	180	387	47.1	48.3	40.0	88.4	74.7	31.0	18
19	138	88.8	73.8	222	137	387	43.8	37.3	88.4	81.8	88.3	88.0	19
20	134	70.2	87.7	243	138	378	43.3	38.4	84.8	84.0	78.1	74.8	20
21	128	88.8	77.8	281	144	401	42.7	48.4	81.1	38.8	88.8	74.8	21
22	130	88.2	80.8	281	188	380	41.8	88.8	88.7	28.7	88.2	74.8	22
23	128	108	77.2	281	187	348	43.0	71.8	41.7	38.1	88.3	71.8	23
24	128	103	78.0	288	187	332	38.4	88.1	38.3	38.8	88.4	43.8	24
25	128	88.7	73.8	248	218	338	38.8	81.3	38.1	43.7	73.1	40.8	25
26	128	88.8	78.2	282	217	320	42.8	43.3	88.3	40.7	48.0	42.8	26
27	130	103	73.8	288	182	313	48.8	48.7	88.8	44.2	88.2	40.8	27
28	130	107	80.2	284	178	278	47.8	48.8	84.8	34.8	78.1	81.8	28
29	130		87.8	288	178	317	48.8	83.8	82.4	38.8	88.4	82.8	29
30	123		121	302	177	188	40.0	84.8	30.4	38.3	88.7	44.3	30
31	120		148		188		38.7	87.8		48.4		48.0	31
TOTAL	4 108	3 047.8	2 821.4	6 970	7 800	7 340	2 786.1	1 477.0	1 873.4	1 282.8	2 101.8	1 736.0	TOTAL
MEAN	133	108	84.8	232	248	248	88.8	47.8	62.4	41.4	70.1	88.0	MEAN
MAX	142	128	148	302	388	401	288	71.8	80.7	83.8	88.4	78.8	MAX
MIN	120	70.2	81.3	188	138	188	38.4	33.3	30.4	23.8	38.0	28.0	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 117
MAXIMUM DAILY, 401 ON JUN 21
MINIMUM DAILY, 23.8 ON OCT 16

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 15 05 N
LONG 81 46 20 W
DRAINAGE AREA, 11 400 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	355 000	JUL	241 000
FEB	263 000	AUG	128 000
MAR	228 000	SEP	136 000
APR	602 000	OCT	111 000
MAY	667 000	NOV	182 000
JUN	634 000	DEC	150 000

TOTAL DISCHARGE, 3 880 000 dam³

DATA CONTRIBUTED BY -
EDDY FOREST PRODUCTS LIMITED

REGULATED

REMARKS - EXTREME HIGH WATER SPILLED FROM ONAPING LAKE INTO UPPER SPANISH RIVER

SPANISH RIVER AT HIGH FALLS - STATION NO. 02CE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	103	95.6	97.5	80.3	228	138	183	22.6	53.3	23.0	50.0	57.5	1
2	101	98.1	95.9	87.3	241	137	168	22.1	42.5	34.0	39.7	34.0	2
3	101	104	103	73.2	239	136	137	27.2	42.9	53.8	41.8	28.2	3
4	101	121	94.8	88.8	218	134	137	23.8	42.7	53.0	27.2	37.4	4
5	100	97.9	96.3	88.2	217	118	104	25.8	49.4	53.3	40.4	88.2	5
6	97.9	98.1	89.8	88.7	228	134	84.3	25.7	88.7	44.3	54.8	84.1	6
7	98.8	101	86.8	88.8	241	135	108	23.8	88.8	21.2	88.2	89.2	7
8	94.8	101	89.2	88.8	237	133	104	28.1	51.7	20.2	82.8	88.3	8
9	88.3	101	87.8	88.8	210	135	137	38.1	38.8	20.8	88.7	21.4	9
10	102	101	84.7	88.8	210	188	91.8	41.7	46.1	38.7	88.4	21.2	10
11	103	101	84.7	88.0	208	174	88.4	41.8	81.8	48.7	84.1	27.2	11
12	98.4	73.3	71.0	88.8	183	141	81.8	42.0	83.7	38.8	88.7	81.1	12
13	101	88.8	47.7	88.1	181	112	88.3	41.8	82.2	37.2	84.1	81.0	13
14	101	101	88.8	88.1	180	101	47.8	41.8	87.0	20.4	83.3	82.8	14
15	88.2	101	70.4	88.1	148	101	34.8	41.4	81.8	19.8	88.3	48.2	15
16	88.4	101	88.8	78.2	118	158	38.1	42.8	30.8	24.8	82.8	20.0	16
17	88.4	100	87.8	87.8	88.3	258	27.0	38.1	31.0	48.4	88.7	18.3	17
18	88.8	72.8	82.0	88.8	88.1	278	28.1	38.3	38.8	80.7	82.2	37.2	18
19	100	87.8	80.8	82.7	88.8	230	23.7	28.8	81.8	80.8	82.8	88.8	19
20	103	72.7	84.7	81.8	88.2	272	23.8	24.2	82.8	81.3	88.0	88.2	20
21	88.8	88.8	88.4	83.2	101	258	24.8	38.8	82.0	23.1	87.2	70.0	21
22	88.8	84.8	88.1	88.1	100	230	27.8	88.7	48.8	22.0	88.4	82.0	22
23	83.8	88.0	87.7	83.8	128	188	27.8	83.3	31.7	28.8	88.4	83.8	23
24	83.4	103	88.3	82.7	184	200	27.8	48.3	32.8	38.4	88.4	28.4	24
25	107	88.1	88.8	89.3	173	208	20.1	30.8	83.8	33.3	43.2	31.2	25
26	83.4	88.8	88.8	88.8	148	191	28.1	31.3	48.8	27.2	41.8	22.3	26
27	88.1	87.8	83.2	138	140	188	27.8	38.7	83.3	34.7	48.8	38.7	27
28	88.1	88.0	84.8	188	138	168	38.8	47.3	82.8	24.0	84.8	83.2	28
29	84.8		88.8	190	138	151	28.2	48.8	41.8	28.3	87.3	48.8	29
30	83.7		88.4	212	137	170	28.2	48.1	20.8	32.1	81.1	38.8	30
31	88.8		---		140		22.8	83.3		48.3		38.4	31
TOTAL	3 030.2	2 887.4	---	2 877.8	5 102.2	5 187	1 884.2	1 148.0	1 383.8	1 088.7	1 878.8	1 387.0	TOTAL
MEAN	87.7	88.3	---	88.3	188	172	83.4	37.1	48.1	35.2	88.0	44.7	MEAN
MAX	107	121	---	212	241	278	183	88.7	88.8	83.8	88.7	70.0	MAX
MIN	83.8	87.8	---	87.3	88.1	101	20.1	22.1	20.8	18.8	27.2	18.3	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 278 ON JUN 18
MINIMUM DAILY, 18.3 ON DEC 17

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 22 50 N
LONG 81 34 07 W
DRAINAGE AREA, 8 800 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	282 000	JUL	170 000
FEB	230 000	AUG	88 300
MAR	---	SEP	120 000
APR	257 000	OCT	84 200
MAY	441 000	NOV	145 000
JUN	448 000	DEC	120 000

DATA CONTRIBUTED BY -
INTERNATIONAL NICKEL COMPANY OF CANADA LIMITED

REGULATED

REMARKS - EXCLUDES ONAPING LAKE BASIN, BUT EXTREME HIGH WATER SPILLED FROM LAKE INTO SPANISH RIVER

SPEED RIVER BELOW GUELPH - STATION NO. 02GA015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.07	6.83	1.588	10.8	5.06	10.8	3.14	1.64	1.67	1.32	1.65	3.18	1
2	2.76	9.008	1.558	8.47	5.58	16.8	3.03	1.62	1.58	1.35	2.30	2.688	2
3	3.488	6.608	1.548	8.80	5.87	14.8	2.89	1.78	1.51	1.35	2.06	2.638	3
4	2.158	5.408	1.758	13.4	5.04	14.8	2.77	2.11	1.48	1.39	1.88	3.00	4
5	3.308	4.208	1.828	19.3	5.01	13.9	2.89	1.98	1.48	1.34	1.68	2.24	5
6	2.84	3.508	1.548	16.8	5.80	11.4	2.61	2.23	1.48	1.38	2.20	3.30	6
7	2.48	2.908	1.538	16.8	5.80	7.08	2.48	2.19	1.46	1.39	2.61	2.728	7
8	4.17	2.508	1.528	16.0	5.62	5.04	2.38	2.08	1.35	1.44	2.38	2.788	8
9	3.678	2.208	1.528	11.6	5.18	5.08	2.31	2.00	1.37	1.43	2.88	2.708	9
10	4.158	2.008	1.508	9.84	4.74	5.86	2.07	1.82	1.38	1.80	2.44	2.888	10
11	4.26	1.808	1.608	8.38	4.81	6.38	1.98	1.78	1.40	2.38	2.34	2.48	11
12	5.03	1.858	2.27	8.22	5.31	4.86	1.98	1.72	1.41	1.78	2.23	2.38	12
13	8.38	1.808	2.28	8.18	10.8	4.19	1.80	1.78	1.38	1.71	2.12	2.278	13
14	8.18	1.908	2.84	7.80	11.4	3.81	1.88	1.81	1.37	1.84	3.11	2.238	14
15	8.06	2.21	8.47	12.0	10.1	3.81	1.92	2.40	1.37	1.84	8.78	2.178	15
16	4.74	2.008	8.18	12.8	8.18	3.44	1.81	2.07	1.34	1.87	8.88	2.108	16
17	4.80	1.938	10.1	8.87	8.06	4.01	1.83	1.83	1.37	2.08	8.81	2.048	17
18	4.45	1.878	8.48	8.34	8.61	4.06	1.73	1.78	1.34	1.84	8.78	2.008	18
19	4.37	1.858	4.12	8.83	4.78	4.11	1.77	1.76	1.33	1.86	7.08	1.888	19
20	4.02	2.01	3.88	8.17	4.87	4.38	1.82	1.88	1.34	2.18	8.27	1.908	20
21	3.788	1.98	3.04	8.72	4.86	4.80	1.86	1.88	1.28	2.30	8.31	1.878	21
22	3.808	1.808	2.89	8.28	4.83	13.1	1.86	1.88	1.42	2.21	8.82	1.838	22
23	3.98	1.808	2.85	8.26	4.76	18.7	1.87	1.88	1.44	2.05	3.86	1.808	23
24	3.82	1.788	2.89	8.36	4.47	16.8	1.86	1.84	1.38	1.89	3.30	1.788	24
25	3.81	1.708	8.14	3.84	4.38	11.1	1.88	1.88	1.35	1.86	3.08	1.738	25
26	5.13	1.858	10.8	3.83	4.88	7.04	1.67	1.85	1.34	1.87	2.86	1.708	26
27	5.26	1.838	15.2	4.80	5.18	5.34	2.80	1.88	1.34	1.84	3.04	1.868	27
28	5.49	1.808	26.2	4.69	4.80	4.24	2.13	1.88	1.30	1.88	3.84	1.878	28
29	5.82		33.4	5.00	4.17	3.80	2.05	1.61	1.32	1.85	4.26	1.878	29
30	6.82		26.8	4.86	8.22	3.80	2.01	1.48	1.31	1.87	4.38	1.878	30
31	7.88		14.6		8.13		1.82	1.47		1.81		2.068	31
TOTAL	132.36	82.94	208.81	266.66	186.83	235.02	86.98	58.86	41.80	84.86	120.86	70.08	TOTAL
MEAN	4.27	2.86	6.76	8.89	6.02	7.83	2.16	1.80	1.38	1.77	4.03	2.26	MEAN
MAX	7.88	9.00	33.4	19.3	11.4	18.7	3.14	2.40	1.67	2.38	8.81	3.24	MAX
MIN	2.15	1.60	1.52	3.84	4.17	3.44	1.73	1.47	1.26	1.32	1.68	1.67	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.17
MAXIMUM DAILY, 33.4 ON MAR 29
MINIMUM DAILY, 1.26 ON SEP 21
MAXIMUM INSTANTANEOUS,
34.4 AT 04:15 EST ON MAR 29

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 31 30 N
LONG 80 15 44 W
DRAINAGE AREA, 593 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	11 400	JUL	5 790
FEB	7 170	AUG	4 830
MAR	18 100	SEP	3 610
APR	23 000	OCT	4 740
MAY	16 100	NOV	10 400
JUN	20 300	DEC	6 080

TOTAL DISCHARGE, 132 000 dam³

SPEED RIVER NEAR ARMSTRONG MILLS - STATION NO. 02GA040

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.95 B	2.50 B	0.3908	2.03	1.48	4.78	0.838	0.101	0.148	0.121	0.338	1.85 B	1
2	1.80 B	2.00 B	0.3868	1.67	1.47	3.32	0.603	0.088	0.234	0.221	0.473	1.47 B	2
3	1.70 B	1.38 B	0.3648	3.86	1.67	2.40	0.486	0.087	0.220	0.177	0.418	1.37 B	3
4	1.60 B	1.22 B	0.3648	7.41	1.41	4.81	0.424	0.438	0.180	0.208	0.378	1.30 B	4
5	1.47 B	1.10 B	0.3828	5.86	1.81	3.42	0.356	0.988	0.178	0.143	0.388	1.26 B	5
6	1.50 B	1.00 B	0.3628	4.92	1.87	2.27	0.416	0.850	0.282	0.138	0.588	1.16 B	6
7	1.70 B	0.8408	0.3628	4.18	1.70	1.78	0.263	0.350	0.141	0.141	0.838	1.14 B	7
8	2.55 B	0.7708	0.3828	2.80	1.67	1.30	0.286	0.373	0.196	0.150	0.883	1.10 B	8
9	2.50 B	0.7008	0.4408	2.30	1.38	1.08	0.286	0.271	0.298	0.173	1.32	1.06 B	9
10	2.45 B	0.6508	0.4858	1.84	1.24	1.04	0.281	0.272	0.412	0.332	1.30	1.02 B	10
11	2.15 B	0.6208	0.4858	1.72	1.27	1.36	0.336	0.204	0.388	0.878	0.987	0.8908	11
12	1.80 B	0.5908	0.5608	1.76	2.84	0.888	0.228	0.138	0.282	0.488	0.898	0.8408	12
13	1.88 B	0.5708	0.4008	2.26	4.20	0.673	0.240	0.140	0.208	0.528	0.874	0.8108	13
14	1.55 B	0.5508	1.70 B	2.78	2.88	0.781	0.153	1.09	0.234	0.338	0.938	0.8808	14
15	1.42 B	0.8208	3.30 B	4.86	4.80	0.708	0.126	0.888	0.287	0.326	3.44	0.8808	15
16	1.32 B	0.5408	1.60 B	3.52	2.88	0.736	0.121	0.872	0.188	0.488	11.1	0.8408	16
17	1.22 B	0.5408	1.20 B	2.84	2.02	0.624	0.231	0.443	0.186	0.442	6.63	0.8208	17
18	1.18 B	0.5008	1.18 B	2.63	1.58	1.08	0.184	0.344	0.214	0.483	2.88	0.7908	18
19	1.07 B	0.4708	1.10 B	2.36	1.36	0.880	0.188	0.240	0.218	0.671	2.30 B	0.7758	19
20	1.02 B	0.4488	1.00 B	1.88	1.31	1.11	0.118	0.211	0.238	0.894	2.00 B	0.7808	20
21	0.9858	0.4358	0.9808	1.78	1.78	1.70	0.111	0.340	0.180	0.680	1.70 B	0.7488	21
22	0.9608	0.4308	0.9708	1.88	1.88	11.2	0.114	0.262	0.207	0.830	1.40 B	0.7388	22
23	0.8208	0.4208	0.8808	1.44	1.28	18.0	0.128	0.208	0.184	0.814	1.28 B	0.7308	23
24	0.8308	0.4108	1.20 B	1.32	1.18	8.08	0.110	0.183	0.180	0.884	1.14 B	0.7258	24
25	0.8708	0.4058	3.00 B	1.30	1.03	3.30	0.101	0.287	0.183	0.822	1.06 B	0.7208	25
26	1.03 B	0.4038	12.0 B	1.31	1.78	1.81	0.108	0.138	0.263	0.488	1.08	0.7188	26
27	1.13 B	0.4008	16.1 B	1.38	1.88	1.28	0.276	0.118	0.182	0.804	1.18	0.7108	27
28	1.27 B	0.3988	17.1	1.42	1.43	1.01	0.183	0.201	0.180	0.403	4.27	0.7108	28
29	1.70 B		14.2	1.28	1.15	0.818	0.118	0.188	0.206	0.470	3.30 B	0.7108	29
30	2.00 B		8.22	1.48	2.48	0.670	0.112	0.141	0.138	0.832	2.20 B	0.7108	30
31	2.30 B		3.08		3.87		0.187	0.328		0.484		0.8808	31
TOTAL	47.768	20.983	80.587	77.67	59.85	78.728	7.178	8.738	6.480	13.808	57.848	28.078	TOTAL
MEAN	1.54	0.749	2.92	2.80	1.82	2.62	0.232	0.318	0.218	0.438	1.82	0.838	MEAN
MAX	2.55	2.50	17.1	7.41	4.80	18.0	0.838	1.08	0.412	0.830	11.1	1.55	MAX
MIN	0.820	0.388	0.362	1.28	1.02	0.670	0.101	0.087	0.138	0.121	0.338	0.710	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.37
MAXIMUM DAILY, 17.1 ON MAR 28
MINIMUM DAILY, 0.087 ON AUG 3
MAXIMUM INSTANTANEOUS,
23.7 AT 01:27 EST ON JUN 23

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 38 19 N
LONG 80 18 13 W
DRAINAGE AREA, 187 km²

B - ICE CONDITIONS

REGULATED SINCE 1976

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 130	JUL	820
FEB	1 810	AUG	841
MAR	7 830	SEP	681
APR	6 730	OCT	1 170
MAY	5 150	NOV	4 870
JUN	8 800	DEC	2 810

TOTAL DISCHARGE, 43 100 dam³

SPENCER CREEK AT DUNDAS - STATION NO. 02HB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.22 B	3.02	0.3548	5.28	0.885E	1.84 E	0.678	0.304	0.308	0.301	0.473	1.34 B	1
2	1.06 B	1.35 B	0.3448	4.84	1.10 E	2.27 E	0.898	0.306	0.228	0.307	0.391	1.08 B	2
3	0.880B	1.09 B	0.3378	4.83	1.26 E	2.17 E	0.844	0.192	0.192	0.188	0.357	0.9168	3
4	0.770B	0.810B	0.4158	5.26	1.24 E	2.03 E	0.518	0.178	0.185	0.113	0.360	0.8408	4
5	0.688B	0.800B	0.3838	5.87	1.20 E	1.86 E	0.876	0.182	0.878	0.108	0.378	0.7858	5
6	0.625B	0.715B	0.3648	4.80	1.19 E	1.75 E	0.894	0.148	0.803	0.105	0.588	0.780B	6
7	0.880B	0.660B	0.3428	4.33 E	1.19 E	1.59 E	0.422	0.253	0.421	0.108	0.872	0.7258	7
8	1.62 B	0.898B	0.3208	3.95 E	1.28 E	1.34 E	0.378	0.225	0.158	0.088	1.71	0.6888	8
9	1.62	0.588B	0.3408	3.50 E	1.24 E	1.04 E	0.348	0.120	0.208	0.101	1.82	0.6158	9
10	1.31 B	0.530B	0.3678	3.12 E	1.11 E	1.80 E	0.342	0.116	0.205	0.211	1.85	0.5608	10
11	1.18 B	0.488B	0.8858	2.83 E	1.08 E	1.62 E	0.332	0.110	0.087	0.224	1.85	0.5108	11
12	1.28 B	0.480B	1.33 B	2.42 E	1.85 E	1.33 E	0.328	0.108	0.128	0.195	1.38	0.4708	12
13	1.40	0.530B	1.17 B	2.49 E	2.01 E	1.18 E	0.310	0.107	0.167	0.317	1.18	0.4408	13
14	1.14 B	0.625B	1.13 B	2.28 E	1.82 E	1.04 E	0.307	0.182	0.178	0.172	1.28	0.4058	14
15	1.05	0.590B	2.17 B	2.47 E	1.78 E	0.880E	0.407	0.182	0.238	0.446	2.85	0.3878	15
16	0.992	0.540B	1.92 B	2.43 E	1.80 E	0.838E	0.278	0.857	0.148	2.82	5.03	0.3858	16
17	0.932	0.500B	1.74 B	2.29 E	1.38 E	0.905E	0.285	0.739	0.208	2.91	4.53	0.3628	17
18	0.876	0.470B	1.29 B	2.80 E	1.16 E	1.23 E	0.266	0.592	0.248	2.18	3.21	0.3388	18
19	1.08	0.450B	1.15 B	2.21 E	0.980E	1.31 E	0.232	0.481	0.188	1.28	2.82	0.3288	19
20	0.891	0.485B	1.09 B	2.03 E	0.950E	1.01 E	0.268	0.412	0.182	0.908	2.30 B	0.3228	20
21	0.785B	0.500B	1.03 B	1.82 E	1.06 E	0.840E	0.177	0.423	0.145	1.06	1.88 B	0.3138	21
22	0.710B	0.470B	0.980B	1.84 E	1.02 E	2.05 E	0.270	0.282	0.308	1.17	1.68 B	0.3068	22
23	0.655B	0.450B	1.31 B	1.48 E	0.935E	3.85 E	0.188	0.265	0.797	1.05	1.44 B	0.2988	23
24	0.610B	0.435B	2.07	1.35 E	0.875E	4.50 E	0.168	0.225	0.613	0.773	1.29 B	0.2918	24
25	0.705B	0.425B	4.84	1.28 E	0.820E	3.15 E	0.182	0.165	0.558	0.743	1.16 B	0.2848	25
26	1.78	0.410B	8.13	1.17 L	0.895E	2.50 E	1.58	0.278	0.384	0.877	1.05 B	0.2788	26
27	1.67	0.405B	4.73	1.14 E	1.05 E	1.73	4.30	0.142	0.267	0.532	1.40 B	0.2748	27
28	1.51	0.401B	7.89	1.10 E	0.855E	1.37	1.61	0.182	0.215	0.523	2.06 B	0.2698	28
29	1.88		12.2	1.03 E	0.700E	1.19	0.708	0.208	0.176	0.525	1.88 B	0.2658	29
30	2.27		11.2	0.980E	0.780E	0.886	0.498	0.111	0.182	0.417	1.63 B	0.2638	30
31	2.49		8.82		1.12 E		0.449	0.088		0.480		0.8158	31
TOTAL	38.556	18.878	77.950	86.080	38.585	50.848	18.190	7.788	9.077	21.038	50.309	15.888	TOTAL
MEAN	1.18	0.674	2.91	2.84	1.18	1.68	0.587	0.252	0.303	0.679	1.68	0.505	MEAN
MAX	2.49	3.02	12.2	5.28	2.01	4.50	4.30	0.738	0.803	2.91	5.03	1.34	MAX
MIN	0.610	0.401	0.328	0.880	0.700	0.838	0.188	0.088	0.087	0.088	0.378	0.265	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.17
MAXIMUM DAILY, 12.2 ON MAR 28
MINIMUM DAILY, 0.088 ON AUG 31
MAXIMUM INSTANTANEOUS,
14.1 AT 11:01 EST ON MAR 30

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 15 55 N
LONG 79 57 49 W
DRAINAGE AREA, 169 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 180	JUL	1 870
FEB	1 830	AUG	874
MAR	6 730	SEP	784
APR	7 380	OCT	1 820
MAY	3 170	NOV	4 350
JUN	4 380	DEC	1 350

TOTAL DISCHARGE, 37 000 dam³

SPENCER CREEK AT HIGHWAY NO. 8 - STATION NO. 02HB023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.23 B	2.52	0.2808	5.25	0.888	1.78	0.800	0.240	0.124	0.082	0.328	1.30 B	1
2	1.18 B	2.03 B	0.2468	4.08	0.884	2.08	0.740	0.225	0.178	0.078	0.321	0.8208	2
3	1.10 B	1.85 B	0.2388	4.12	1.15	1.81	0.698	0.223	0.111	0.087	0.323	0.7208	3
4	1.04 B	1.38 B	0.2528	4.78	1.10	1.71	0.618	0.135	0.108	0.058	0.308	0.6258	4
5	0.988B	1.12 B	0.2748	4.72	1.07	1.62	0.508	0.184	0.090	0.051	0.317	0.5308	5
6	0.950B	1.01 B	0.2608	4.03	1.08	1.54	0.338	0.147	0.083	0.088	0.500	0.4608	6
7	0.918B	0.948B	0.2468	3.85	1.06	1.31	0.238	0.104	0.086	0.048	0.872	0.3858	7
8	1.40 B	0.885B	0.2348	3.18	1.16	1.13	0.205	0.096	0.118	0.043	1.58	0.3468	8
9	1.62 B	0.808B	0.2508	2.82	1.12	1.03	0.195	0.089	0.102	0.048	1.75	0.3148	9
10	1.40 B	0.780B	0.3708	2.58	0.977	1.48	0.249	0.080	0.072	0.074	1.81	0.2858	10
11	1.30 B	0.700B	0.7008	2.35	0.981	1.27	0.231	0.083	0.081	0.145	1.43	0.2628	11
12	1.70 B	0.670B	0.5808	2.15	1.87	1.11	0.172	0.080	0.058	0.207	1.26	0.2478	12
13	1.40 B	0.638B	0.4638	2.20	1.84	0.956	0.151	0.080	0.048	0.183	1.11	0.2378	13
14	1.09 B	0.705B	0.8508	2.02	1.73	0.812	0.133	0.043	0.053	0.155	1.04	0.2278	14
15	0.980B	0.735B	1.85 B	2.11	1.83	0.774	0.127	0.373	0.071	0.131	2.27	0.2188	15
16	0.910B	0.648B	1.50 B	2.08	1.28	0.748	0.091	1.09	0.078	0.122	4.18	0.2108	16
17	0.863B	0.595B	1.27 B	2.01	1.11	0.877	0.084	0.507	0.121	0.178	3.38	0.2028	17
18	0.822B	0.618B	1.10 B	2.11	1.08	1.30	0.083	0.380	0.128	0.237	2.88	0.1848	18
19	0.970B	0.480B	0.995B	1.88	0.852	1.05	0.087	0.251	0.132	0.282	2.33	0.1678	19
20	0.883B	0.460B	0.890B	1.80	0.813	0.888	0.131	0.219	0.098	0.734	2.33	0.1618	20
21	0.838B	0.808B	0.790B	1.82	0.881	0.861	0.187	0.222	0.078	0.873	2.05 B	0.1758	21
22	0.768B	0.480B	0.845B	1.64	0.827	3.48	0.188	0.203	0.214	0.982	1.78 B	0.1888	22
23	0.720B	0.405B	1.30 B	1.32	0.732	4.13	0.136	0.183	0.847	0.800	1.52 B	0.1648	23
24	0.702B	0.388B	1.63	1.22	0.857	2.86	0.127	0.145	0.418	0.892	1.30 B	0.1598	24
25	1.10 B	0.338B	3.30	1.10	0.849	2.53	0.130	0.125	0.262	0.592	1.32	0.1548	25
26	2.12	0.312B	4.18	1.06	0.884	1.88	1.81	0.105	0.187	0.517	1.34	0.1508	26
27	1.92	0.282B	3.76	1.03	0.728	1.55	2.47	0.095	0.141	0.434	1.42	0.1478	27
28	1.82	0.274B	8.31	0.985	0.630	1.18	0.878	0.086	0.118	0.388	2.82	0.1448	28
29	1.41		8.87	0.952	0.528	0.930	0.507	0.078	0.081	0.387	2.40 B	0.1428	29
30	2.03		8.01	0.878	0.521	0.828	0.338	0.074	0.082	0.333	1.80 B	0.1408	30
31	2.09		6.58		1.08		0.261	0.088		0.321		0.1708	31
TOTAL	38.518	22.320	88.583	71.578	31.283	45.894	12.888	5.924	4.380	9.381	47.478	8.784	TOTAL
MEAN	1.24	0.797	2.86	2.39	1.01	1.53	0.418	0.191	0.148	0.303	1.58	0.315	MEAN
MAX	2.12	2.52	8.87	5.25	1.84	4.13	2.47	1.09	0.847	0.973	4.18	1.30	MAX
MIN	0.703	0.274	0.234	0.878	0.528	0.748	0.083	0.043	0.048	0.043	0.308	0.140	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.980
MAXIMUM DAILY, 8.87 ON MAR 29
MINIMUM DAILY, 0.043 ON AUG 14
MAXIMUM INSTANTANEOUS,
8.40 AT 10:43 EST ON MAR 29

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 16 58 N
LONG 80 03 03 W
DRAINAGE AREA, 132 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 330	JUL	1 110
FEB	1 830	AUG	512
MAR	5 060	SEP	377
APR	6 160	OCT	811
MAY	2 700	NOV	4 100
JUN	3 850	DEC	843

TOTAL DISCHARGE, 30 900 dam³

SPENCER CREEK NEAR WESTOVER - STATION NO. 02HB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4808	1.08 B	0.1288	3.24	0.388	0.798	0.138	0.040	0.083	0.047	0.127	0.873	1
2	0.4388	0.8108	0.1248	1.74	0.804	0.843	0.113	0.037	0.088	0.052	0.121	0.788	2
3	0.3608	0.6068	0.1218	1.53	0.483	0.837	0.098	0.034	0.085	0.052	0.121	0.6838	3
4	0.3608	0.4758	0.1388	1.74	0.472	0.818	0.088	0.037	0.088	0.088	0.118	0.6498	4
5	0.3438	0.4108	0.1258	1.86	0.426	0.828	0.078	0.042	0.048	0.080	0.113	0.4208	5
6	0.3308	0.3688	0.1188	1.80	0.397	0.815	0.074	0.047	0.048	0.088	0.187	0.2678	6
7	0.3228	0.3418	0.1088	1.67	0.417	0.458	0.082	0.041	0.042	0.084	0.280	0.1908	7
8	0.5808	0.3118	0.1018	1.50	0.416	0.388	0.057	0.038	0.048	0.085	0.422	0.1518	8
9	0.5348	0.2878	0.0858	1.34	0.385	0.337	0.104	0.035	0.043	0.094	0.823	0.1288	9
10	0.5048	0.2658	0.1038	1.13	0.368	0.440	0.105	0.035	0.041	0.075	0.823	0.1148	10
11	0.4748	0.2488	0.2408	0.955	0.358	0.487	0.080	0.034	0.041	0.118	0.498	0.1138	11
12	0.5008	0.2348	0.2258	0.882	0.809	0.384	0.065	0.034	0.038	0.156	0.432	0.1138	12
13	0.4858	0.2228	0.2108	0.845	0.748	0.288	0.052	0.033	0.037	0.130	0.381	0.1138	13
14	0.4388	0.2428	0.2808	0.811	0.695	0.245	0.048	0.032	0.038	0.103	0.380	0.1108	14
15	0.4028	0.2308	0.4068	0.880	0.564	0.222	0.048	0.080	0.044	0.087	0.584	0.1048	15
16	0.3848	0.2188	0.4008	0.842	0.443	0.225	0.062	0.185	0.048	0.086	0.901	0.0958	16
17	0.3648	0.1988	0.3408	0.822	0.387	0.285	0.036	0.288	0.087	0.106	1.00	0.0868	17
18	0.3308	0.1888	0.2788	0.818	0.324	0.323	0.037	0.176	0.088	0.180	1.06	0.0848	18
19	0.3508	0.1818	0.2208	0.784	0.278	0.298	0.036	0.117	0.071	0.198	0.977	0.0818	19
20	0.3158	0.1768	0.1768	0.884	0.246	0.271	0.044	0.102	0.057	0.282	0.927	0.0788	20
21	0.2908	0.1968	0.1418	0.617	0.283	0.272	0.045	0.120	0.048	0.356	0.813	0.0758	21
22	0.2768	0.1648	0.1408	0.565	0.272	0.804	0.048	0.108	0.058	0.388	0.667	0.0718	22
23	0.2608	0.1668	0.1278	0.503	0.231	0.868	0.041	0.093	0.114	0.326	0.598	0.0888	23
24	0.2858	0.1538	0.1208	0.457	0.188	0.974	0.032	0.082	0.131	0.271	0.545	0.0888	24
25	0.2908	0.1488	0.2388	0.421	0.178	0.778	0.037	0.088	0.088	0.226	0.581	0.0848	25
26	0.3458	0.1428	0.5158	0.408	0.247	0.573	0.084	0.082	0.075	0.184	0.731	0.0828	26
27	0.4258	0.1378	1.15 B	0.386	0.277	0.414	0.084	0.083	0.083	0.173	1.20	0.0808	27
28	0.5208	0.1338	3.40 B	0.380	0.268	0.316	0.076	0.048	0.053	0.155	1.82	0.0588	28
29	0.5808		4.35	0.364	0.189	0.245	0.085	0.044	0.055	0.143	1.31 B	0.0578	29
30	0.7008		3.72 A	0.355	0.267	0.178	0.051	0.050	0.054	0.133	1.13	0.0538	30
31	0.8508		3.14		0.487		0.044	0.040		0.129		0.0788	31
TOTAL	13.049	8.348	21.004	28.348	11.639	14.878	1.878	2.189	1.778	4.483	16.887	5.813	TOTAL
MEAN	0.421	0.298	0.678	0.978	0.375	0.498	0.084	0.071	0.059	0.145	0.823	0.187	MEAN
MAX	0.850	1.08	4.35	2.24	0.749	0.974	0.139	0.288	0.131	0.389	1.82	0.873	MAX
MIN	0.295	0.133	0.085	0.355	0.178	0.038	0.036	0.032	0.037	0.047	0.113	0.056	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.385
MAXIMUM DAILY, 4.35 ON MAR 29
MINIMUM DAILY, 0.032 ON AUG 14
MAXIMUM INSTANTANEOUS,
4.45 AT 11:04 EST ON MAR 29

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 21 10 N
LONG 80 04 40 W
DRAINAGE AREA, 83.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 130	JUL	171
FEB	721	AUG	189
MAR	1 810	SEP	153
APR	2 540	OCT	388
MAY	1 010	NOV	1 810
JUN	1 290	DEC	502

TOTAL DISCHARGE, 11 800 dam³

ST. CLAIR RIVER AT POINT EDWARD - STATION NO. 02GG010

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176.08	176.01	175.85	---	176.02	176.08	176.18	176.13	176.10	175.94	175.92	175.78	1
2	176.08	176.05	175.85	---	175.99	176.07	176.14	176.14	176.10	175.95	175.87	175.76	2
3	176.00	175.97	175.83	175.93	176.00	176.08	176.12	176.13	176.08	176.07	175.88	175.84	3
4	175.94	175.88	175.78	175.84	175.98	176.10	176.15	176.14	176.03	176.04	175.74	175.78	4
5	175.89	175.82	175.88	175.95	175.95	176.10	176.16	176.16	176.04	175.94	175.74	175.78	5
6	175.89	175.81	175.83	175.88	176.01	176.08	176.17	176.23	176.05	176.00	175.86	175.88	6
7	175.85	175.88	175.88	175.89	176.05	176.08	176.18	176.20	176.03	176.02	175.87	175.85	7
8	175.84	175.90	175.83	175.87	176.03	176.08	176.18	176.18	176.05	175.98	175.84	175.80	8
9	175.98	175.87	175.83	176.00	176.01	176.11	176.16	176.13	176.04	175.93	175.82	175.74	9
10	175.88	175.84	175.80	176.01	176.06	176.14	176.16	176.12	176.10	175.88	175.88	175.76	10
11	175.93	175.88	175.81	175.86	176.08	176.12	176.18	176.13	176.08	175.87	175.87	175.80	11
12	175.87	175.88	175.82	175.93	176.03	176.11	176.16	176.12	176.08	175.88	175.83	175.77	12
13	175.89	175.83	175.78	175.88	175.99	176.12	176.18	176.11	176.06	175.82	175.77	175.76	13
14	175.81	175.81	175.80	175.92	176.02	176.12	176.17	176.10	176.08	175.90	175.85	175.88	14
15	175.84	175.84	175.83	175.86	176.01	176.11	176.13	176.10	176.08	175.87	175.88	175.74	15
16	175.91	175.87	175.87	175.84	176.01	176.12	176.14	176.14	176.08	175.88	175.82	175.78	16
17	175.94	175.85	175.92	175.87	175.99	176.11	176.13	176.14	176.07	175.89	175.88	175.76	17
18	175.81	175.81	175.88	176.01	175.98	176.13	176.12	176.11	176.05	176.03	175.88	175.76	18
19	175.80	175.88	175.86	175.89	175.97	176.13	176.13	176.08	176.03	175.86	175.80	175.81	19
20	176.07	176.81	175.87	175.89	175.99	176.16	176.14	176.06	176.03	175.82	175.86	175.84	20
21	175.87	175.90	175.83	175.88	176.01	176.16	176.15	176.10	176.03	175.82	176.00	175.91	21
22	175.88	175.88	175.86	175.88	176.01	176.15	176.14	176.07	176.12	175.82	175.87	175.83	22
23	175.90	176.00	175.85	175.87	176.00	176.14	176.15	176.13	176.19	175.85	175.86	175.87	23
24	175.94	175.89	175.84	175.87	175.89	176.15	176.15	176.12	176.07	175.87	175.80	175.76	24
25	175.85	175.83	175.86	175.86	175.96	176.17	176.14	176.08	176.01	175.86	175.78	175.77	25
26	175.86	175.84	175.87	175.86	176.02	176.14	176.15	176.07	176.11	175.86	175.83	176.00	26
27	175.85	175.83	175.83	176.00	176.08	176.16	176.17	176.06	175.98	175.86	175.78	175.83	27
28	175.86	175.84	175.86	175.86	176.03	176.22	176.22	176.07	175.87	175.85	175.86	175.80	28
29	175.81		175.87	175.86	176.01	176.17	176.15	176.05	176.04	175.84	175.79	175.88	29
30	175.90		175.86	175.89	176.04	176.15	176.14	176.10	175.98	175.83	175.83	175.82	30
31	175.89		175.85		176.02		176.13	176.06		175.81		175.82	31
MEAN	175.92	175.93	175.85	---	176.01	176.13	176.15	176.12	176.06	175.92	175.86	175.82	MEAN
MAX	176.07	176.01	175.93	---	176.08	176.22	176.22	176.23	176.19	176.07	176.00	176.00	MAX
MIN	175.84	175.83	175.78	---	175.95	176.07	176.12	176.06	175.87	175.81	175.74	175.89	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 58 27 N
LONG 82 25 17 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

MAXIMUM INSTANTANEOUS,
176.76 AT 22:20 EST ON SEP 22

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1985)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11840 POINT EDWARD

ST. CLAIR RIVER AT PORT LAMBTON - STATION NO. 02GG011

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	175.04	175.03	175.10	175.07	175.10	175.24	175.33	175.32	175.23	175.13	175.02	174.84	1
2	175.06	175.02	175.13	175.07	175.10	175.26	175.33	175.32	175.23	175.13	175.02	174.86	2
3	175.05	175.04	175.11	175.07	175.11	175.27	175.32	175.31	175.23	175.13	175.00	174.84	3
4	175.08	175.05	175.11	175.10	175.11	175.28	175.33	175.32	175.23	175.14	175.03	174.84	4
5	175.08	175.10	175.10	175.12	175.12	175.27	175.33	175.31	175.23	175.12	175.01	174.82	5
6	175.05	175.14	175.08	175.12	175.11	175.26	175.33	175.31	175.22	175.11	175.00	174.83	6
7	175.05	175.10	175.17	175.11	175.13	175.27	175.32	175.30	175.22	175.10	174.88	174.84	7
8	175.17	175.12	175.16	175.12	175.12	175.26	175.33	175.28	175.23	175.08	175.00	174.82	8
9	175.10	175.22	175.08	175.12	175.11	175.27	175.33	175.30	175.25	175.07	175.04	174.82	9
10	175.09	175.25	175.01	175.12	175.11	175.26	175.33	175.28	175.24	175.11	175.01	174.83	10
11	175.08	175.26	174.97	175.10	175.11	175.26	175.32	175.27	175.23	175.07	175.05	174.83	11
12	175.10	175.24	174.93	175.12	175.12	175.26	175.31	175.27	175.23	175.06	175.00	174.83	12
13	175.11	175.18	174.95	175.10	175.13	175.26	175.31	175.27	175.21	175.06	175.00	174.82	13
14	175.09	175.16	174.97	175.11	175.13	175.29	175.31	175.27	175.21	175.05	174.98	174.83	14
15	175.10	175.17	175.02	175.10	175.13	175.29	175.31	175.26	175.22	175.06	175.01	174.83	15
16	175.09	175.17	175.01	175.10	175.13	175.33	175.31	175.26	175.21	175.05	175.07	174.88	16
17	175.09	175.17	174.98	175.11	175.13	175.32	175.31	175.26	175.22	175.04	175.10	174.87	17
18	175.08	175.17	175.02	175.13	175.13	175.32	175.30	175.25	175.22	175.04	175.04	175.07	18
19	175.08	175.15	175.15	175.13	175.12	175.31	175.30	175.26	175.21	175.03	175.04	175.10	19
20	175.08	175.08	175.08	175.13	175.14	175.33	175.33	175.27	175.20	175.11	175.03	175.25	20
21	175.08	175.07	175.08	175.11	175.14	175.34	175.37	175.25	175.19	175.08	175.00	175.33	21
22	175.08	175.08	175.05	175.11	175.13	175.34	175.37	175.25	175.21	175.04	174.98	175.28	22
23	175.02	175.13	174.98	175.10	175.13	175.34	175.36	175.25	175.22	175.03	175.00	175.24	23
24	175.01	175.42	174.98	175.11	175.14	175.34	175.36	175.24	175.20	175.02	175.00	175.17	24
25	175.00	175.37	174.98	175.10	175.14	175.34	175.33	175.24	175.19	175.02	174.97	175.13	25
26	175.02	175.40	175.00	175.10	175.18	175.34	175.33	175.24	175.18	175.01	174.95	175.22	26
27	175.05	175.20	175.02	175.09	175.18	175.36	175.34	175.23	175.17	175.01	174.95	175.07	27
28	175.04	175.14	175.03	175.08	175.18	175.35	175.34	175.23	175.17	175.01	174.97	175.05	28
29	175.03		175.03	175.10	175.18	175.35	175.33	175.24	175.18	175.01	174.99	175.05	29
30	175.04		175.04	175.11	175.18	175.34	175.33	175.23	175.14	175.00	174.98	175.05	30
31	175.08		175.05		175.21		175.31	175.22		175.02		175.09	31
MEAN	175.08	175.17	175.08	175.11	175.14	175.31	175.33	175.27	175.21	175.06	175.01	175.04	MEAN
MAX	175.17	175.42	175.18	175.13	175.21	175.36	175.37	175.32	175.25	175.14	175.10	175.33	MAX
MIN	175.00	175.02	174.93	175.07	175.10	175.24	175.30	175.22	175.14	175.00	174.95	174.82	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 175.14
MAXIMUM DAILY, 175.42 ON FEB 24
MINIMUM DAILY, 174.82 ON DEC 5
MAXIMUM INSTANTANEOUS,
175.54 AT 08:02 EST ON FEB 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 39 33 N
LONG 82 30 25 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11980 PORT LAMBTON

ST. LAWRENCE RIVER AT BROCKVILLE - STATION NO. 02MB007

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	73.99	74.11	74.05	74.22	74.47	74.78	74.88	74.87	74.85	74.37	74.37	74.19	1
2	74.12	73.98	74.00	74.23	74.47	74.80	74.88	74.70	74.83	74.37	74.27	74.21	2
3	74.02	74.04	73.93	74.23	74.47	74.81	74.87	74.70	74.82	74.42	74.24	74.20	3
4	74.02	74.04	73.90	74.25	74.53	74.82	74.85	74.71	74.80	74.42	74.21	74.17	4
5	74.03	74.09	73.87	74.30	74.51	74.82	74.84	74.71	74.82	74.39	74.23	74.18	5
6	73.97	74.10	73.95	74.33	74.55	74.80	74.84	74.74	74.81	74.42	74.30	74.23	6
7	74.02	74.08	73.89	74.38	74.53	74.80	74.83	74.70	74.48	74.42	74.20	74.22	7
8	74.27	74.13	73.92	74.34	74.52	74.80	74.81	74.71	74.48	74.35	74.17	74.18	8
9	74.20	74.09	73.84	74.38	74.80	74.77	74.81	74.70	74.47	74.32	74.28	74.20	9
10	74.14	74.11	73.95	74.42	74.58	74.87	74.85	74.68	74.48	74.31	74.30	74.24	10
11	74.08	74.11	73.85	74.42	74.53	74.88	74.81	74.88	74.44	74.34	74.38	74.17	11
12	74.15	74.12	73.85	74.40	74.81	74.81	74.82	74.85	74.45	74.34	74.31	74.18	12
13	74.13	74.08	73.86	74.46	74.85	74.77	74.80	74.84	74.42	74.34	74.24	74.15	13
14	74.13	74.04	73.87	74.39	74.88	74.78	74.78	74.84	74.37	74.27	74.26	74.18	14
15	74.18	74.02	74.08	74.42	74.87	74.79	74.79	74.84	74.38	74.26	74.22	74.14	15
16	74.10	74.03	74.03	74.41	74.88	74.78	74.77	74.85	74.35	74.30	74.40	74.20	16
17	74.15	74.01	74.00	74.42	74.70	74.85	74.78	74.89	74.35	74.12	74.53	74.23	17
18	74.07	74.02	73.98	74.44	74.72	74.86	74.77	74.87	74.37	74.14	74.37	74.21	18
19	74.11	74.08	74.05	74.48	74.71	74.84	74.74	74.87	74.38	74.04	74.33	74.17	19
20	74.09	74.03	74.04	74.48	74.70	74.83	74.87	74.80	74.37	74.20	74.38	74.23	20
21	74.07	74.00	74.08	74.48	74.78	74.84	74.88	74.84	74.37	74.32	74.27	74.21	21
22	74.13	74.00	74.08	74.44	74.77	74.86	74.70	74.87	74.38	74.32	74.28	74.21	22
23	74.10	73.98	74.05	74.48	74.71	74.88	74.70	74.87	74.80	74.28	74.25	74.20	23
24	74.07	73.98	74.03	74.49	74.71	74.89	74.71	74.82	74.44	74.28	74.27	74.21	24
25	73.98	73.99	74.05	74.48	74.71	74.87	74.72	74.81	74.44	74.27	74.28	74.21	25
26	74.12	73.99	74.08	74.47	74.73	74.88	74.73	74.81	74.43	74.28	74.28	74.21	26
27	74.12	74.01	74.07	74.48	74.78	74.90	74.73	74.80	74.39	74.26	74.18	74.13	27
28	74.18	73.98	74.11	74.48	74.77	74.90	74.88	74.80	74.43	74.28	74.31	74.15	28
29	74.14		74.08	74.42	74.78	74.89	74.89	74.81	74.44	74.26	74.26	74.07	29
30	74.18		74.05	74.48	74.74	74.90	74.89	74.86	74.39	74.24	74.29	74.07	30
31	74.15		74.13		74.74		74.88	74.81		74.25		74.11	31
MEAN	74.10	74.04	74.01	74.40	74.86	74.84	74.77	74.82	74.44	74.30	74.28	74.18	MEAN
MAX	74.27	74.13	74.13	74.48	74.78	74.90	74.89	74.74	74.85	74.42	74.53	74.24	MAX
MIN	73.97	73.98	73.89	74.22	74.47	74.77	74.88	74.80	74.35	74.04	74.17	74.07	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 74.38
MAXIMUM DAILY, 74.90 ON JUN 27
MINIMUM DAILY, 73.89 ON MAR 7
MAXIMUM INSTANTANEOUS,
74.97 AT 14:30 EST ON JUN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 35 00 N
LONG 75 41 30 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 14400 BROCKVILLE

ST. LAWRENCE RIVER AT CORNWALL - STATION NO. 02MC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6 200	6 100	6 640	5 350	6 230	5 930	6 080	7 780	7 520	7 280	7 210	7 600	1
2	6 200	6 110	6 620	5 370	6 230	6 880	6 040	7 780	7 480	7 380	7 220	7 640	2
3	6 200	6 110	6 620	5 780	6 220	7 080	6 040	7 780	7 480	7 380	7 220	7 640	3
4	6 200	6 080	6 280	6 320	6 230	7 080	6 040	7 780	7 480	7 310	7 220	7 640	4
5	6 200	6 050	6 240	6 350	6 230	7 080	6 040	7 880	7 480	7 320	7 220	7 720	5
6	6 200	6 050	6 280	6 350	6 230	7 040	6 040	7 840	7 450	7 080	7 220	7 030	6
7	6 780	6 050	6 270	6 370	6 230	7 060	6 040	7 880	7 450	7 200	7 220	7 040	7
8	6 780	6 080	6 280	6 850	6 230	7 060	6 020	7 880	7 470	7 220	7 220	6 640	8
9	6 150	6 080	6 280	6 840	6 230	7 110	6 010	7 840	7 400	7 220	7 220	6 640	9
10	6 180	6 050	6 280	6 830	6 240	7 310	6 010	7 880	7 430	7 220	7 220	6 640	10
11	6 140	6 010	6 170	6 880	6 230	7 280	6 010	7 830	7 420	7 230	7 280	6 640	11
12	6 130	6 020	6 170	6 870	6 220	7 320	6 020	7 880	7 430	7 230	7 280	6 640	12
13	6 140	6 710	6 210	6 810	6 200	7 310	6 010	7 880	7 430	7 220	7 280	6 250	13
14	6 780	6 710	6 180	6 880	6 200	7 310	6 010	7 870	7 410	7 230	7 280	6 240	14
15	6 880	6 710	6 170	6 000	6 200	7 310	7 880	7 870	7 440	7 220	7 280	6 280	15
16	6 310	6 710	6 170	6 010	6 200	7 320	6 000	7 870	7 800	7 210	7 280	6 280	16
17	6 300	6 710	6 170	6 000	6 200	7 480	7 880	7 870	7 450	7 220	7 240	6 470	17
18	6 310	6 800	6 080	6 000	6 210	7 480	7 880	7 880	7 480	7 210	7 800	7 080	18
19	6 310	6 880	6 080	6 000	6 230	7 470	7 880	7 880	7 480	7 220	7 800	7 080	19
20	6 300	6 890	6 080	6 880	6 810	7 820	7 880	7 880	7 480	7 210	7 810	6 880	20
21	6 870	6 880	6 080	6 000	6 800	7 450	7 820	7 850	7 480	7 180	7 800	6 040	21
22	6 870	6 880	6 080	6 040	6 800	7 430	7 840	7 880	7 430	7 170	7 810	6 810	22
23	6 080	6 880	6 080	6 040	6 780	7 810	7 840	7 640	7 400	7 180	7 800	6 040	23
24	6 070	6 890	6 080	6 080	6 780	7 780	7 840	7 880	7 380	7 180	7 800	6 330	24
25	6 070	6 830	6 200	6 070	6 810	7 770	7 880	7 840	7 380	7 180	7 780	6 800	25
26	6 080	6 830	6 200	6 080	6 810	7 780	7 830	7 840	7 380	7 180	7 780	6 810	26
27	6 040	6 830	6 200	6 080	6 850	7 780	7 880	7 830	7 380	7 170	7 780	6 810	27
28	6 880	6 830	6 230	6 080	6 850	7 770	7 840	7 830	7 380	7 220	7 780	6 810	28
29	6 870		6 200	6 230	6 840	7 780	7 780	7 830	7 410	7 250	7 780	6 810	29
30	6 110		6 770	6 320	6 850	7 780	7 780	7 830	7 380	7 230	7 780	6 810	30
31	6 110		6 760		6 830		7 780	7 830		7 220		6 810	31
TOTAL	187 750	178 850	182 130	174 280	200 820	221 180	248 870	237 130	233 080	223 780	222 430	207 770	TOTAL
MEAN	6 060	6 390	6 200	6 810	6 470	7 370	7 850	7 650	7 440	7 220	7 410	6 700	MEAN
MAX	6 310	6 710	6 640	6 230	6 850	7 780	6 080	7 780	7 520	7 380	7 780	7 640	MAX
MIN	6 870	6 830	6 770	6 320	6 200	6 830	7 780	7 830	7 380	7 080	7 210	6 810	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6 880
MAXIMUM DAILY, 8 050 ON JUL 1
MINIMUM DAILY, 5 320 ON APR 4

DATA CONTRIBUTED BY -
INTERNATIONAL ST. LAWRENCE RIVER BOARD OF CONTROL

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 45 00 21 N
LONG 74 47 43 W
DRAINAGE AREA, 774 000 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 200 000	JUL	21 300 000
FEB	15 500 000	AUG	20 500 000
MAR	16 500 000	SEP	19 300 000
APR	15 100 000	OCT	19 300 000
MAY	17 300 000	NOV	18 200 000
JUN	19 100 000	DEC	18 000 000

TOTAL DISCHARGE, 217 000 000 dam³

ST. LAWRENCE RIVER AT IROQUOIS ISLAND (ABOVE) - STATION NO. 02MB004

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	73.48	73.85	73.29	73.85	74.07	74.32	74.26	74.02	73.83	73.77	73.76	73.48	1
2	73.56	73.44	73.23	73.91	74.04	74.35	74.27	74.06	73.83	73.75	73.66	73.41	2
3	73.57	73.43	73.20	74.06	74.18	74.36	74.25	74.07	73.81	73.80	73.63	73.44	3
4	73.49	73.44	---	73.80	74.17	74.38	74.23	74.09	73.86	73.84	73.58	73.41	4
5	73.62	73.50	---	74.00	74.13	74.37	74.20	74.09	73.88	73.81	73.58	73.37	5
6	73.42	73.44	---	74.02	74.15	74.34	74.18	74.13	73.90	73.85	73.89	73.56	6
7	73.49	73.38	---	74.08	74.23	74.36	74.19	74.10	73.88	73.87	73.81	73.63	7
8	73.62	73.43	---	74.01	74.26	74.33	74.16	74.08	73.86	73.78	73.61	73.66	8
9	73.85	73.38	---	74.03	74.26	74.38	74.17	74.08	73.88	73.72	73.83	73.67	9
10	73.88	73.38	---	74.10	74.14	74.30	74.22	74.07	73.87	73.70	73.70	73.69	10
11	73.88	73.43	---	74.13	74.10	74.34	74.18	74.04	73.82	73.73	73.78	73.88	11
12	73.88	73.51	73.18	74.10	74.18	74.31	74.17	74.02	73.82	73.73	73.76	73.82	12
13	73.88	73.38	73.22	74.12	74.27	74.28	74.18	73.88	73.80	73.76	73.81	73.83	13
14	73.82	73.31	73.28	74.00	74.28	74.28	74.11	74.00	73.72	73.88	73.82	73.88	14
15	73.88	73.38	73.51	74.03	74.30	74.28	74.12	74.00	73.71	73.82	73.88	73.85	15
16	73.87	73.24	73.83	74.02	74.33	74.25	74.11	74.02	73.70	73.88	73.75	73.85	16
17	73.89	73.22	73.80	74.03	---	74.32	74.10	73.98	73.87	73.80	74.08	73.73	17
18	73.81	73.31	73.42	74.08	---	74.36	74.11	73.82	73.70	73.41	73.81	73.89	18
19	73.84	73.43	73.52	74.08	74.28	74.32	74.08	73.82	73.88	73.31	73.71	73.81	19
20	73.85	73.33	73.86	74.12	74.26	74.30	73.98	73.88	73.70	73.44	73.78	73.81	20
21	73.88	73.20	73.87	74.11	---	74.28	73.87	74.00	73.72	73.86	73.85	73.88	21
22	73.88	73.18	73.86	74.08	---	74.32	74.02	73.98	73.73	73.76	73.80	73.88	22
23	73.88	73.13	73.87	74.08	74.28	74.35	74.08	73.83	73.84	73.71	73.86	73.81	23
24	73.84	73.11	73.86	74.11	74.26	74.33	74.08	73.87	73.88	73.88	73.86	73.83	24
25	73.43	73.28	73.86	74.08	74.27	74.30	74.08	73.84	73.82	73.88	73.87	73.80	25
26	73.83	73.38	73.86	74.08	74.28	74.31	74.08	73.88	73.83	73.87	73.87	73.80	26
27	73.84	73.32	73.80	74.08	74.33	74.31	74.10	73.88	73.78	73.86	73.87	73.88	27
28	73.85	73.26	73.84	74.08	74.32	74.32	74.08	73.88	73.82	73.88	73.84	73.38	28
29	73.72		73.84	74.00	74.31	74.31	74.04	73.88	73.84	73.84	73.80	73.28	29
30	73.70		73.80	74.03	74.28	74.32	74.08	73.91	73.78	73.81	73.88	73.33	30
31	73.70		73.69		74.28		74.02	73.88		73.81		73.28	31
MEAN	73.69	73.35	---	74.04	---	74.32	74.12	73.88	73.81	73.88	73.88	73.64	MEAN
MAX	73.88	73.68	---	74.13	---	74.37	74.28	74.13	73.93	73.87	74.08	73.72	MAX
MIN	73.43	73.11	---	73.88	---	74.28	73.87	73.84	73.87	73.31	73.47	73.33	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 74.37 ON JUN 6

MAXIMUM INSTANTANEOUS,
74.48 AT 06:25 EST ON JUN 9

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 49 30 N
LONG 75 19 14 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1985)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 14800 IROQUOIS LOCK (ABOVE)

ST. LAWRENCE RIVER AT IROQUOIS ISLAND (BELOW) - STATION NO. 02MB009

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	73.41	73.59	73.14	73.79	73.89	74.07	74.15	73.92	73.83	73.89	73.88	73.34	1
2	73.51	73.38	73.12	73.88	73.86	74.12	74.14	73.87	73.84	73.86	73.80	73.28	2
3	73.50	73.35	---	73.80	73.99	74.12	74.12	73.87	73.82	73.72	73.53	73.31	3
4	73.41	73.37	---	73.88	73.99	74.13	74.10	74.00	73.78	73.77	73.48	73.29	4
5	73.48	73.40	---	73.95	73.92	74.13	74.07	74.00	73.80	73.73	73.48	73.28	5
6	73.35	73.31	---	73.98	73.93	74.10	74.08	74.04	73.81	73.76	73.80	73.45	6
7	73.42	73.24	---	74.05	73.89	74.11	74.09	74.02	73.77	73.76	73.52	73.54	7
8	73.76	73.27	---	73.97	74.03	74.08	74.06	74.00	73.76	73.69	73.42	73.57	8
9	73.78	73.17	---	73.98	74.03	74.08	74.07	74.01	73.76	73.63	73.52	73.59	9
10	73.59	73.09	---	74.05	73.94	74.08	74.12	73.99	73.78	73.81	73.81	73.81	10
11	73.49	73.19	---	74.01	73.88	74.13	74.09	73.85	73.73	73.88	73.88	73.88	11
12	73.47	73.30	---	73.73	73.94	74.08	74.07	73.84	73.72	73.87	73.87	73.84	12
13	73.51	73.18	73.12	73.88	74.04	74.01	74.08	73.80	73.71	73.71	73.61	73.58	13
14	73.54	73.10	73.18	73.82	74.08	74.03	74.02	73.81	73.63	73.81	73.82	73.62	14
15	73.62	73.05	73.38	73.87	74.07	74.04	74.02	73.81	73.62	73.81	73.48	73.58	15
16	73.48	73.08	73.41	73.88	74.04	74.03	74.02	73.83	73.80	73.58	73.84	73.67	16
17	73.50	73.06	73.40	73.88	74.00	74.08	74.01	73.87	73.67	73.41	73.88	73.85	17
18	73.43	73.15	73.31	74.01	74.02	74.13	74.01	73.83	73.80	73.31	73.72	73.49	18
19	73.46	73.30	73.42	74.04	74.08	74.10	73.89	73.82	73.58	73.20	73.61	73.41	19
20	73.48	73.19	73.47	74.08	74.08	74.07	73.89	73.85	73.80	73.32	73.88	73.61	20
21	73.47	73.03	73.50	73.98	74.12	74.05	73.88	73.80	73.82	73.67	73.85	73.50	21
22	73.52	73.03	73.52	73.87	74.15	74.08	73.82	73.86	73.83	73.68	73.48	73.55	22
23	73.47	72.97	73.51	73.86	74.07	74.11	73.95	73.83	73.78	73.62	73.48	73.48	23
24	73.42	72.95	73.47	73.82	74.05	74.07	73.87	73.78	73.77	73.80	73.47	73.36	24
25	73.32	73.13	73.48	73.80	74.05	74.04	73.98	73.74	73.73	73.56	73.48	73.38	25
26	73.41	73.26	73.51	73.89	74.06	74.04	73.89	73.77	73.74	73.59	73.45	73.38	26
27	73.47	73.20	73.53	73.88	74.11	74.12	74.01	73.76	73.67	73.60	73.38	73.28	27
28	73.55	73.11	73.57	73.87	74.10	74.21	73.95	73.77	73.72	73.57	73.42	73.30	28
29	73.64		73.57	73.83	74.07	74.18	73.96	73.77	73.78	73.55	73.38	73.13	29
30	73.61		73.54	73.85	74.03	74.20	73.98	73.82	73.88	73.51	73.44	73.04	30
31	73.62		73.63		73.99		73.92	73.80		73.51		73.08	31
MEAN	73.50	73.18	---	73.91	74.02	74.08	74.02	73.89	73.71	73.59	73.55	73.42	MEAN
MAX	73.78	73.59	---	74.05	74.18	74.21	74.15	74.04	73.84	73.78	73.88	73.85	MAX
MIN	73.32	72.95	---	73.88	73.86	74.01	73.88	73.74	73.57	73.20	73.38	73.08	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MAXIMUM DAILY, 74.21 ON JUN 28

MAXIMUM INSTANTANEOUS,
74.24 AT 10:05 EST ON JUN 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 50 12 N
LONG 75 18 37 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 14802 IROQUOIS LOCK (BELOW)

ST. LAWRENCE RIVER AT SUMMERSTOWN - STATION NO. 02MC023

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	46.61	46.70	46.72	46.48	46.48	46.55	---	46.63	46.64	46.61	46.56	46.58	1
2	46.63	46.69	46.71	46.48	46.53	46.54	46.58	46.60	46.65	46.65	46.58	46.65	2
3	46.58	46.64	46.70	46.51	46.49	46.53	46.57	46.61	46.61	46.57	46.56	46.62	3
4	46.64	46.61	46.72	46.57	46.52	46.54	---	46.63	46.61	46.54	46.56	46.60	4
5	46.71	46.56	46.70	46.52	46.53	---	---	46.62	46.64	46.58	46.63	46.64	5
6	46.66	46.59	46.66	---	46.53	---	46.60	46.61	46.62	46.56	46.64	46.63	6
7	46.65	46.74	46.65	---	46.52	---	46.58	46.62	46.61	46.54	46.64	46.59	7
8	46.69	46.73	46.64	---	46.51	---	46.56	46.61	46.61	46.57	46.61	46.58	8
9	46.71	46.69	46.63	---	46.53	---	46.59	46.60	46.62	46.58	46.63	46.56	9
10	46.66	46.68	46.66	---	46.57	---	46.61	46.63	46.64	46.61	46.65	46.61	10
11	46.63	46.67	46.65	---	46.61	---	46.63	46.61	46.62	46.63	46.63	46.57	11
12	46.64	46.65	46.69	---	46.57	---	46.60	46.64	46.61	46.62	46.63	46.60	12
13	46.68	46.66	46.65	---	46.53	---	46.64	46.64	46.60	46.57	46.61	46.61	13
14	46.61	46.74	46.58	---	46.52	---	46.62	46.64	46.62	46.56	46.64	46.65	14
15	46.65	46.72	46.70	46.53	46.54	---	46.59	46.64	46.63	46.63	46.63	46.68	15
16	46.66	46.72	46.74	46.52	46.52	---	46.64	46.63	46.61	46.63	46.57	46.66	16
17	46.61	46.68	46.71	46.52	46.48	---	46.62	46.63	46.67	46.66	46.48	46.71	17
18	46.64	46.60	46.61	46.51	46.49	---	46.61	46.63	46.65	46.70	46.55	46.79	18
19	46.64	46.58	46.60	46.47	46.53	---	46.61	46.66	46.65	46.71	46.60	46.81	18
20	46.67	46.66	46.62	46.47	46.56	---	46.64	46.66	46.62	46.75	46.56	46.74	20
21	46.62	46.74	46.63	46.52	46.55	---	46.65	46.63	46.62	46.59	46.58	46.68	21
22	46.62	46.73	46.64	46.46	46.49	---	46.63	46.63	46.65	46.59	46.59	46.64	22
23	46.68	46.72	46.65	46.46	46.51	---	46.61	46.64	46.64	46.67	46.63	46.67	23
24	46.65	46.72	46.62	46.48	46.52	---	46.61	46.64	46.64	46.59	46.56	46.67	24
25	46.62	46.63	46.61	46.48	46.51	---	46.60	46.65	46.63	46.60	46.63	46.70	25
26	46.64	46.60	---	46.48	46.53	---	46.63	46.64	46.60	46.60	46.64	46.69	26
27	46.66	46.70	---	46.48	46.49	---	46.63	46.66	46.63	46.59	46.61	46.70	27
28	46.61	46.70	---	46.47	46.46	---	46.62	46.59	46.58	46.60	46.61	46.72	28
29	46.60		46.66	46.53	46.51	---	46.61	46.63	46.57	46.60	46.57	46.70	29
30	46.64		46.66	46.52	46.56	---	46.62	46.61	46.61	46.62	46.56	46.70	30
31	46.67		46.56		46.56		46.63	46.61		46.61		46.75	31
MEAN	46.64	46.66	---	---	46.53	---	---	46.63	46.62	46.61	46.60	46.66	MEAN
MAX	46.71	46.74	---	---	46.61	---	---	46.66	46.67	46.75	46.64	46.81	MAX
MIN	46.61	46.56	---	---	46.48	---	---	46.60	46.64	46.54	46.48	46.60	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MAXIMUM INSTANTANEOUS,
46.87 AT 19:45 EST ON DEC 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 03 35 N
LONG 74 33 13 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 14840 SUMMERSTOWN

ST. LAWRENCE RIVER BELOW CORNWALL CANAL - STATION NO. 02MC022

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	46.70	46.83	47.01	46.82	46.84	46.74	46.83	46.88	46.87	46.82	46.78	46.85	1
2	46.71	46.82	46.93	46.82	46.88	46.74	46.82	46.85	46.86	46.88	46.81	46.83	2
3	46.72	46.87	46.86	46.88	46.83	46.73	46.85	46.84	46.84	46.78	46.78	46.86	3
4	46.83	46.83	47.00	46.88	46.88	46.74	46.88	46.88	46.86	46.75	46.80	46.78	4
5	47.06	46.78	46.97	46.86	46.89	46.74	46.87	46.87	46.86	46.80	46.86	46.78	5
6	47.10	46.85	46.93	46.81	46.89	46.78	46.85	46.86	46.84	46.77	46.78	46.83	6
7	47.06	46.95	46.93	46.84	46.88	46.78	46.83	46.86	46.84	46.76	46.77	46.78	7
8	47.05	46.98	46.90	46.82	46.87	46.78	46.84	46.85	46.83	46.79	46.86	46.77	8
9	47.07	46.96	46.89	46.85	46.89	46.78	46.83	46.85	46.84	46.80	46.86	46.77	9
10	47.01	46.96	46.90	46.86	46.74	46.83	46.86	46.86	46.86	46.84	46.77	46.78	10
11	46.94	46.88	46.90	46.81	46.79	46.74	46.86	46.86	46.84	46.85	46.75	46.78	11
12	46.86	46.87	46.84	46.81	46.73	46.80	46.85	46.89	46.82	46.83	46.75	46.76	12
13	46.86	46.86	46.91	46.82	46.83	46.83	46.89	46.88	46.81	46.78	46.86	46.77	13
14	46.87	47.00	46.86	46.84	46.86	46.82	46.86	46.88	46.84	46.80	46.86	46.81	14
15	46.89	46.89	46.97	46.87	46.70	46.80	46.85	46.88	46.86	46.85	46.87	46.86	15
16	46.92	46.88	47.01	46.87	46.88	46.81	46.89	46.87	46.84	46.83	46.78	46.84	16
17	46.87	46.86	46.97	46.87	46.84	46.83	46.87	46.87	46.89	46.80	46.70	47.01	17
18	46.88	46.82	46.88	46.86	46.85	46.79	46.86	46.88	46.83	46.80	46.80	47.17	18
19	46.90	46.78	46.86	46.83	46.89	46.81	46.87	46.91	46.86	46.87	46.84	47.19	19
20	46.92	46.84	46.87	46.81	46.76	46.82	46.90	46.91	46.86	46.88	46.82	47.10	20
21	46.86	47.00	46.87	46.87	46.73	46.83	46.91	46.88	46.86	46.90	46.80	47.05	21
22	46.84	47.00	46.87	46.82	46.87	46.80	46.87	46.86	46.87	46.78	46.84	47.03	22
23	46.83	46.98	46.87	46.82	46.89	46.79	46.86	46.89	46.78	46.78	46.86	47.11	23
24	46.88	46.98	46.84	46.82	46.84	46.71	46.83	46.86	46.89	46.78	46.80	47.14	24
25	46.86	46.84	46.82	46.84	46.70	46.84	46.86	46.89	46.90	46.86	46.81	47.16	25
26	46.80	46.82	46.83	46.83	46.71	46.84	46.87	46.88	46.83	46.82	46.90	47.18	26
27	46.80	46.87	46.87	46.81	46.87	46.82	46.88	46.90	46.86	46.81	46.88	47.21	27
28	46.83	46.89	46.84	46.83	46.87	46.80	46.87	46.90	46.78	46.83	46.88	47.23	28
29	46.80		46.84	46.70	46.70	46.78	46.85	46.87	46.79	46.82	46.83	47.21	29
30	46.88		46.88	46.86	46.76	46.81	46.85	46.85	46.82	46.83	46.86	47.25	30
31	46.90		46.78		46.76		46.88	46.85		46.82		47.30	31
MEAN	46.90	46.93	46.90	46.83	46.70	46.78	46.86	46.88	46.84	46.83	46.83	46.98	MEAN
MAX	47.10	47.00	47.01	46.70	46.78	46.84	46.91	46.91	46.89	46.89	46.80	47.30	MAX
MIN	46.70	46.78	46.78	46.82	46.83	46.73	46.82	46.85	46.78	46.78	46.78	46.78	MIN

WATER LEVELS IN METRES

MEAN, 46.84
MAXIMUM DAILY, 47.30 ON DEC 31
MINIMUM DAILY, 46.82 ON APR 1
MAXIMUM INSTANTANEOUS,
47.45 AT 20:00 EST ON DEC 31

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 00 55 N
LONG 74 42 38 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 14670 CORNWALL

ST. MARYS RIVER AT SAULT STE. MARIE - STATION NO. 02CA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	1
2	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	2
3	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	3
4	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	4
5	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	5
6	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	6
7	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	7
8	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	8
9	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	9
10	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	10
11	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	11
12	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	12
13	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	13
14	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	14
15	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	15
16	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	16
17	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	17
18	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	18
19	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	19
20	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	20
21	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	21
22	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	22
23	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	23
24	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	24
25	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	25
26	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	26
27	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	27
28	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	28
29	2 250		2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	29
30	2 250		2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	30
31	2 250		2 190		2 630		2 660	2 600		2 030		1 900	31
TOTAL	69 750	63 280	67 890	66 600	81 530	79 600	82 460	80 600	72 000	62 930	57 350	58 900	TOTAL
MEAN	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	MEAN
MAX	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	MAX
MIN	2 250	2 260	2 190	2 220	2 630	2 660	2 660	2 600	2 400	2 030	1 910	1 900	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 310
MAXIMUM DAILY, 2 660 ON JUN 1
MINIMUM DAILY, 1 900 ON DEC 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 30 34 N
LONG 84 21 42 W
DRAINAGE AREA, 210 000 km²

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 030 000	JUL	7 120 000
FEB	5 470 000	AUG	6 980 000
MAR	5 870 000	SEP	6 220 000
APR	5 750 000	OCT	5 440 000
MAY	7 040 000	NOV	4 960 000
JUN	6 880 000	DEC	5 090 000

TOTAL DISCHARGE, 72 800 000 dam³

DATA CONTRIBUTED BY -
INTERNATIONAL LAKE SUPERIOR BOARD OF CONTROL

REGULATED

ST. MARYS RIVER AT SAULT STE. MARIE (ABOVE) - STATION NO. 02BF011

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	182.84	182.87	182.84	182.88	182.90	182.97	182.87	183.05	183.10	182.91	183.04	182.78	1
2	183.05	182.83	182.78	182.71	182.88	182.98	182.86	183.06	183.08	183.18	183.08	182.82	2
3	182.88	182.88	182.73	182.87	182.88	182.98	183.04	183.05	183.03	183.24	182.94	182.83	3
4	182.86	182.87	182.77	182.72	182.86	182.98	183.10	183.06	182.97	183.11	182.84	182.78	4
5	182.88	182.84	182.80	182.77	182.90	182.90	183.08	183.11	183.08	182.98	182.93	182.88	5
6	182.88	182.84	182.77	182.74	182.91	182.93	183.08	183.20	183.04	183.18	183.08	183.01	6
7	182.83	182.81	182.71	182.88	182.84	182.91	183.08	183.13	183.02	183.14	182.95	182.90	7
8	183.12	182.98	182.71	182.87	182.92	182.84	183.07	183.11	183.06	183.08	182.80	182.85	8
9	182.82	182.85	182.72	182.88	182.92	183.01	183.04	183.08	183.08	182.[illegible]8	183.04	182.74	9
10	182.88	182.87	182.88	182.88	182.90	183.02	183.13	183.07	183.10	183.[illegible]0	183.04	182.84	10
11	182.73	182.88	182.78	182.83	182.91	182.97	183.11	183.07	183.08	182.91	183.18	182.80	11
12	183.01	182.81	182.73	182.71	182.90	182.93	183.11	183.07	183.11	183.04	183.04	182.78	12
13	182.88	182.78	182.78	182.88	182.88	182.97	183.13	183.07	183.08	183.03	182.91	182.72	13
14	182.78	182.84	182.77	182.70	182.87	182.98	183.12	183.10	183.08	182.88	182.88	182.73	14
15	182.91	182.88	182.78	182.88	182.88	183.02	183.10	183.14	183.04	182.88	183.01	182.78	15
16	182.83	182.84	182.73	182.87	182.88	183.03	183.08	183.12	183.03	183.02	183.28	182.80	16
17	182.80	182.84	182.78	182.81	182.87	183.02	183.07	183.08	183.03	182.88	183.07	182.78	17
18	182.81	182.83	182.78	182.71	182.88	183.00	183.07	183.03	182.88	182.88	183.08	182.76	18
19	182.83	182.82	182.71	182.74	182.85	182.98	183.10	183.00	183.00	182.85	182.87	182.81	19
20	182.80	182.78	182.78	182.72	182.84	182.88	183.08	183.08	183.05	182.88	183.21	182.82	20
21	182.81	182.81	182.74	182.77	182.88	182.85	183.07	183.10	183.04	183.03	183.00	182.82	21
22	182.80	182.84	182.88	182.80	182.82	182.86	183.08	183.07	183.23	182.84	183.03	182.78	22
23	182.83	182.78	182.82	182.81	182.82	182.97	183.07	183.11	183.30	182.84	183.00	182.72	23
24	182.83	182.71	182.83	182.82	182.81	183.03	183.06	183.03	183.08	182.88	182.88	182.75	24
25	182.70	182.74	182.88	182.82	182.88	183.02	183.06	183.03	183.08	182.88	182.93	182.78	25
26	182.87	182.83	182.80	182.85	183.00	183.01	183.07	183.02	183.08	182.80	182.87	182.70	26
27	182.82	182.77	182.84	182.87	183.01	183.04	183.15	183.05	182.88	182.88	182.88	182.71	27
28	182.84	182.78	182.71	182.88	182.84	183.08	183.13	183.03	183.03	182.93	182.98	182.88	28
29	182.80		182.88	182.85	182.86	183.02	183.10	183.08	183.07	182.92	182.84	182.87	29
30	182.80		182.72	182.88	182.86	182.88	183.09	183.13	182.94	182.88	182.88	182.71	30
31	182.83		182.78		182.88		183.08	183.08		183.00		182.78	31
MEAN	182.87	182.83	182.73	182.74	182.82	182.88	183.08	183.08	183.08	183.00	183.00	182.79	MEAN
MAX	183.12	182.98	182.84	182.88	183.01	183.08	183.15	183.20	183.30	183.24	183.28	183.01	MAX
MIN	182.70	182.71	182.60	182.83	182.85	182.90	182.86	183.00	182.94	182.88	182.84	182.87	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 182.82
MAXIMUM DAILY, 183.30 ON SEP 23
MINIMUM DAILY, 182.60 ON MAR 24
MAXIMUM INSTANTANEOUS,
183.86 AT 12:00 EST ON NOV 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 30 48 N
LONG 84 22 30 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 10880 SAULT STE MARIE (ABOVE)

ST. MARYS RIVER AT SAULT STE. MARIE (BELOW) - STATION NO. 02CA005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176.82	176.83	176.80	176.73	176.81	176.86	176.78	176.83	176.88	176.81	176.28	176.38	1
2	176.85	176.80	176.80	176.73	176.49	176.70	176.77	176.87	176.88	176.82	176.42	176.40	2
3	176.71	176.82	176.78	176.70	176.82	176.86	176.81	176.81	176.88	176.44	176.38	176.21	3
4	176.70	176.84	176.74	176.88	176.81	176.86	176.86	176.81	176.72	176.43	176.88	176.33	4
5	176.78	176.84	176.74	176.89	176.88	176.72	176.87	176.70	176.70	176.80	176.41	176.22	5
6	176.73	176.84	176.74	176.89	176.80	176.70	176.88	176.85	176.88	176.43	176.23	176.11	6
7	176.71	176.85	176.88	176.87	176.85	176.73	176.77	176.73	176.89	176.40	176.36	176.33	7
8	176.71	176.87	176.74	176.88	176.80	176.74	176.75	176.73	176.87	176.43	176.38	176.22	8
9	176.81	176.85	176.78	176.84	176.80	176.73	176.80	176.74	176.87	176.48	176.31	176.27	9
10	176.81	176.89	176.78	176.86	176.89	176.89	176.78	176.72	176.83	176.44	176.37	176.19	10
11	176.78	176.86	176.75	176.88	176.80	176.88	176.78	176.71	176.88	176.80	176.35	176.22	11
12	176.83	176.83	176.74	176.88	176.80	176.74	176.78	176.86	176.86	176.48	176.34	176.25	12
13	176.88	176.84	176.78	176.83	176.81	176.71	176.77	176.88	176.86	176.45	176.45	176.28	13
14	176.89	176.82	176.79	176.82	176.82	176.82	176.77	176.74	176.86	176.45	176.20	176.33	14
15	176.90	176.81	176.80	176.84	176.83	176.70	176.78	176.70	176.88	176.43	176.19	176.40	15
16	176.89	176.73	176.84	176.83	176.82	176.78	176.78	176.70	176.86	176.38	176.83	176.48	16
17	176.90	176.78	176.85	176.87	176.82	176.70	176.81	176.72	176.84	176.38	176.28	176.82	17
18	176.90	176.78	176.85	176.82	176.82	176.72	176.81	176.72	176.87	176.34	176.23	176.82	18
19	176.88	176.78	176.88	176.88	176.82	176.78	176.78	176.74	176.86	176.38	176.34	176.83	18
20	176.83	176.78	176.88	176.88	176.88	176.81	176.78	176.73	176.82	176.38	176.13	176.88	20
21	176.72	176.78	176.87	176.87	176.88	176.77	176.81	176.88	176.81	176.38	176.18	176.87	21
22	176.81	176.78	176.88	176.88	176.83	176.78	176.74	176.73	176.88	176.41	176.17	176.88	22
23	176.90	176.78	176.88	176.88	176.84	176.77	176.74	176.69	176.38	176.41	176.28	176.87	23
24	176.87	176.74	176.87	176.88	176.84	176.87	176.77	176.70	176.84	176.32	176.38	176.87	24
25	176.80	176.78	176.89	176.91	176.83	176.88	176.74	176.70	176.88	176.31	176.37	176.88	25
26	176.84	176.78	176.84	176.88	176.88	176.78	176.87	176.70	176.84	176.28	176.27	176.88	26
27	176.88	176.78	176.80	176.80	176.88	176.75	176.82	176.88	176.81	176.24	176.38	176.88	27
28	176.80	176.80	176.78	176.80	176.84	176.73	176.88	176.88	176.88	176.20	176.22	176.87	28
29	176.88		176.78	176.81	176.84	176.74	176.85	176.88	176.88	176.18	176.38	176.81	29
30	176.87		176.78	176.83	176.82	176.78	176.88	176.88	176.80	176.21	176.35	176.33	30
31	176.88		176.73		176.84		176.78	176.72		176.33		176.19	31
MEAN	176.82	176.80	176.80	176.86	176.80	176.72	176.78	176.72	176.83	176.39	176.31	176.41	MEAN
MAX	176.91	176.87	176.89	176.73	176.88	176.78	176.81	176.81	176.72	176.81	176.88	176.87	MAX
MIN	176.82	176.73	176.89	176.47	176.49	176.89	176.82	176.86	176.38	176.19	176.83	176.11	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 176.83
MAXIMUM DAILY, 176.91 ON JAN 22
MINIMUM DAILY, 176.83 ON NOV 18
MAXIMUM INSTANTANEOUS,
177.03 AT 13:06 EST ON AUG 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 30 47 N
LONG 84 20 41 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11010 SAULT STE MARIE (BELOW)

ST. MARYS RIVER NEAR GARDEN RIVER - STATION NO. 02CA003

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.134	24.261	24.197	24.253	24.078	24.147	24.287	24.287	24.156	24.100E	23.880E	23.973E	1
2	24.184	24.235	24.205	24.288	24.050	24.141	24.280	24.288	24.145	24.044E	24.027E	24.038E	2
3	24.192	24.232	24.179	24.241	24.072	24.184	24.277	24.339	24.170	23.935E	24.006E	23.678E	3
4	24.175	24.251	24.152	24.237	24.129	24.183	24.282	24.302	24.219	23.945E	23.981E	23.862E	4
5	24.241	24.258	24.141	24.248	24.183	24.182	24.220	24.246	24.208	24.030E	24.038A	23.901E	5
6	24.207	24.257	24.192	24.251	24.088	24.180	24.210	24.171	24.182E	24.013E	23.823A	23.845E	6
7	24.181	24.280	24.136	24.240	24.045	24.189	24.235	24.181	24.182	23.984	23.880A	23.914E	7
8	24.188	24.278	24.147	24.231	24.075	24.210	24.232	24.220	24.184E	23.885	23.882E	23.812E	8
9	24.237	24.251	24.173	24.200	24.085	24.206	24.273	24.242	24.181E	24.018	23.888E	23.848E	9
10	24.280	24.277	24.192	24.228	24.088	24.126	24.283	24.227	24.124E	24.039	23.880A	23.934E	10
11	24.220	24.275	24.184	24.243	24.081	24.185	24.288	24.218	24.157E	24.058	24.028	23.888E	11
12	24.284	24.234	24.185	24.238	24.058	24.213	24.285	24.190	24.151E	24.087	23.950	23.913E	12
13	24.277	24.252	24.189	24.208	24.085	24.178	24.284	24.203	24.138E	24.047	24.050	23.932E	13
14	24.318	24.222	24.214	24.222	24.085	24.178	24.233	24.248	24.142E	24.024	23.905	23.942E	14
15	24.308	24.216	24.217	24.187	24.108	24.189	24.242	24.210	24.148E	24.024	23.842	23.984E	15
16	24.305	24.178	24.242	24.188	24.088	24.213	24.248	24.188	24.141E	23.977	23.861	24.050E	16
17	24.328A	24.188	24.258	24.118A	24.103	24.221	24.283	24.187	24.124E	23.940	23.900	24.088E	17
18	24.318E	24.194	24.259	24.078	24.108	24.231	24.280	24.201	24.152E	23.918	23.918	24.081E	18
19	24.268A	24.212	24.270	24.068	24.108	24.250	24.251	24.222	24.125E	23.940	23.880	24.093E	19
20	24.248	24.221	24.284	24.088	24.084	24.251	24.233	24.226	24.060E	23.855	23.859E	24.091E	20
21	24.188	24.211	24.280	24.055	24.073	24.249	24.283	24.174	24.075E	23.852	23.853E	24.082E	21
22	24.305	24.178	24.288	24.067	24.113	24.251	24.235	24.228	24.046E	24.001	23.878E	24.093E	22
23	24.282	24.152	24.306	24.058	24.118	24.258	24.238	24.182	23.885E	24.038	23.841E	24.088E	23
24	24.285	24.188	24.302	24.077	24.128	24.204	24.251	24.182	24.124E	23.858A	24.013E	24.083E	24
25	24.218	24.188	24.318	24.088	24.141	24.205	24.243	24.193	24.185E	24.020E	24.017E	24.081E	25
26	24.232	24.174	24.308	24.071	24.103	24.258	24.215	24.195	24.033E	23.890E	23.815E	24.083E	26
27	24.268	24.177	24.283	24.078	24.088	24.263	24.178	24.185	24.079E	23.873E	23.883E	24.088	27
28	24.298	24.188	24.288	24.068	24.124	24.218	24.188	24.181	24.145E	23.858E	23.888E	24.089	28
29	24.288		24.275	24.071	24.137	24.232	24.178	24.184	24.071E	23.842E	23.882E	24.073	29
30	24.274		24.271	24.084	24.125	24.270	24.178	24.183	24.068E	23.880E	23.888E	24.033	30
31	24.288		24.283		24.138		24.228	24.188		23.888E		23.837	31
MEAN	24.248	24.222	24.230	24.158	24.098	24.208	24.241	24.214	24.126	23.886	23.867	23.887	MEAN
MAX	24.328	24.281	24.318	24.288	24.183	24.270	24.285	24.338	24.218	24.100	24.050	24.088	MAX
MIN	24.134	24.152	24.128	24.055	24.045	24.126	24.185	24.153	23.885	23.815	23.841	23.837	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1989

MEAN, 24.140
MAXIMUM DAILY, 24.338 ON AUG 3
MINIMUM DAILY, 23.841 ON NOV 15
MAXIMUM INSTANTANEOUS,
24.382 AT 15:30 EST ON AUG 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 31 57 N
LONG 84 07 58 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 183.400 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

STEEL RIVER NEAR TERRACE BAY - STATION NO. 02BA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.108	5.268	4.628	4.388	31.5	41.5	11.3	4.40	2.51	1.73	1.73	5.95	1
2	7.008	5.228	4.608	4.388	35.2	38.8	11.1	4.36	2.42	1.82	1.73	5.858	2
3	6.908	5.198	4.598	4.388	38.2	36.7	10.7	4.31	2.36	2.01	1.73	5.808	3
4	6.808	5.158	4.588	4.388	44.8	34.6	10.5	4.33	2.28	2.01	1.72	5.98	4
5	6.708	5.118	4.558	4.388	58.0	32.4	10.1	4.27	2.34	2.01	2.06	6.81	5
6	6.828	5.088	4.538	4.388	64.6	30.7	9.78	4.14	2.36	1.97	2.46	6.72	6
7	6.658	5.068	4.528	4.388	70.4	30.2	9.46	4.02	2.38	1.80	2.52	6.508	7
8	6.488	5.038	4.518	4.388	74.4	29.2	9.07	3.81	2.37	1.87	2.70	6.508	8
9	6.418	5.008	4.518	4.378	77.3	27.9	8.76	3.64	2.37	1.82	4.33	6.438	9
10	6.338	4.888	4.518	4.378	78.8	26.6	8.87	3.81	2.31	1.84	6.23	6.388	10
11	6.268	4.878	4.508	4.378	82.3	25.3	8.26	3.59	2.24	1.83	6.15	6.288	11
12	6.208	4.868	4.508	4.388	85.7	24.3	8.08	3.51	2.21	1.83	6.68	6.228	12
13	6.128	4.828	4.508	4.428	89.3	23.6	7.90	3.51	2.15	1.84	7.70	6.138	13
14	6.058	4.808	4.488	4.458	92.6	22.1	7.72	3.44	2.05	1.84	8.05	6.068	14
15	5.988	4.868	4.488	4.508	94.4	20.8	7.36	3.38	2.05	1.84	8.32	6.008	15
16	5.938	4.868	4.488	4.508	94.8	18.7	7.07	3.17	2.03	1.84	8.33	4.858	16
17	5.888	4.848	4.478	4.668	93.1	18.4	6.83	3.08	2.00	1.80	7.87	4.808	17
18	5.848	4.828	4.488	4.758	89.9	17.6	6.71	2.83	1.98	1.77	7.51	4.818	18
19	5.798	4.808	4.488	4.908	85.9	17.1	6.57	2.94	1.85	1.74	7.41	4.778	19
20	5.728	4.788	4.468	5.108	82.7	16.5	6.36	2.88	2.05	1.78	7.40	4.728	20
21	5.868	4.748	4.448	5.408	78.9	16.0	6.20	2.88	2.01	1.78	7.22	4.678	21
22	5.658	4.748	4.438	5.858	76.1	15.2	5.98	2.90	2.07	1.78	7.02	4.588	22
23	5.608	4.728	4.438	6.208	73.1	14.4	5.80	2.88	2.07	1.77	6.82	4.538	23
24	5.558	4.708	4.428	7.008	68.5	14.1	5.82	2.88	1.97	1.76	6.68	4.488	24
25	5.518	4.688	4.418	8.78	66.0	13.5	5.45	2.78	1.92	1.77	6.55	4.438	25
26	5.468	4.658	4.418	10.8	62.8	12.9	5.34	2.71	1.93	1.77	6.42	4.348	26
27	5.428	4.658	4.408	13.3	59.2	12.6	5.22	2.73	1.87	1.78	6.42	4.328	27
28	5.408	4.648	4.408	16.8	55.1	12.3	5.03	2.62	1.88	1.74	6.24	4.288	28
29	5.388		4.408	21.8	51.8	11.8	4.80	2.64	1.81	1.72	6.00	4.268	29
30	5.388		4.408	27.0	48.1	11.8	4.85	2.68	1.78	1.73	5.97	4.188	30
31	5.288		4.408		44.8		4.82	2.88		1.72		4.128	31
TOTAL	197.03	137.34	138.84	212.98	2 148.8	686.9	230.69	103.27	83.73	58.42	187.08	188.18	TOTAL
MEAN	6.03	4.91	4.48	7.08	69.4	22.3	7.44	3.33	2.12	1.82	6.67	6.01	MEAN
MAX	7.10	5.26	4.82	27.0	94.8	41.5	11.3	4.40	2.51	2.01	8.33	6.86	MAX
MIN	5.28	4.64	4.40	4.37	31.5	11.5	4.82	2.64	1.78	1.72	1.73	4.12	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1989

MEAN, 11.7
MAXIMUM DAILY, 94.8 ON MAY 16
MINIMUM DAILY, 1.72 ON OCT 29
MAXIMUM INSTANTANEOUS,
95.8 AT 12:15 EST ON MAY 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 48 40 N
LONG 88 53 04 W
DRAINAGE AREA, 1 190 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 200	JUL	19 800
FEB	11 900	AUG	8 530
MAR	12 000	SEP	6 510
APR	18 400	OCT	4 870
MAY	188 000	NOV	14 400
JUN	57 800	DEC	13 400

TOTAL DISCHARGE, 369 000 dam³

STOKES RIVER NEAR FERNDALE - STATION NO. 02FA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.31 B	2.44 B	0.2728	5.80 A	0.335	0.231	0.088	0.008	0.008	0	0.023	0.7288	1
2	1.82	2.24 B	0.2588	5.70 E	0.320	0.222	0.088	0.007	0.010	0	0.022	0.6378	2
3	1.56 B	1.89 B	0.2388	5.20 E	0.289	0.211	0.070	0.007	0.008	0.002	0.021	0.5828	3
4	1.28 B	1.54 B	0.2418	6.40 E	0.288	0.208	0.068	0.007	0.008	0.002	0.018	0.5388	4
5	1.20 B	1.28 B	0.2578	5.40 E	0.277	0.187	0.064	0.008	0.007	0.003	0.022	0.5128	5
6	1.13 B	1.02 B	0.2788	4.40 E	0.419	0.180	0.051	0.008	0.008	0.011	0.081	0.4818	6
7	1.07 B	0.8948	0.2508	3.80 E	0.412	0.180	0.045	0.008	0.008	0.014	0.043	0.4638	7
8	5.82 B	0.7828	0.2448	2.95 E	0.583	0.150	0.042	0.008	0.010	0.011	0.038	0.4388	8
9	4.16 B	0.6888	0.2418	2.30 E	0.488	0.155	0.042	0.008	0.018	0.010	0.048	0.4068	9
10	3.71 B	0.6018	0.2378	1.88 E	0.428	0.205	0.040	0.008	0.012	0.008	0.048	0.3828	10
11	3.28 B	0.5188	0.2328	1.72 E	0.414	0.174	0.038	0.004	0.008	0.018	0.085	0.3588	11
12	2.46 B	0.4848	0.2288	1.57 E	0.588	0.145	0.035	0.004	0.010	0.019	0.054	0.3378	12
13	2.16 B	0.4718	0.2258	1.48 E	0.802	0.140	0.033	0.003	0.008	0.017	0.047	0.3018	13
14	1.76 B	0.5228	0.2498	1.48 E	0.532	0.120	0.027	0.003	0.010	0.020	0.043	0.2928	14
15	1.48 B	0.5078	8.26 B	1.42 E	0.487	0.115	0.026	0.003	0.010	0.028	0.081	0.2818	15
16	1.28 B	0.5768	7.12 B	1.38 E	0.438	0.155	0.023	0.002	0.008	0.047	0.155	0.2738	16
17	1.17 B	0.5408	5.81 B	1.38 E	0.406	0.267	0.023	0.002	0.008	0.052	0.135	0.2648	17
18	1.02 B	0.4858	5.04 B	1.30 E	0.387	0.228	0.023	0.002	0.007	0.047	0.133	0.2578	18
19	1.35 B	0.4718	5.98 B	1.03 E	0.382	0.178	0.027	0.001	0.008	0.048	0.138	0.2548	19
20	1.12 B	0.4498	7.58 B	0.901E	0.388	0.183	0.030	0.001	0.008	0.050	0.480	0.2908	20
21	1.01 B	0.4318	5.78 B	0.788	0.454	0.184	0.021	0.003	0.008	0.083	0.3828	0.2468	21
22	0.9448	0.3588	4.84 B	0.671	0.389	0.157	0.021	0.003	0.010	0.064	0.2728	0.2418	22
23	1.03 B	0.3188	4.38 B	0.598	0.313	0.134	0.019	0.003	0.038	0.038	0.2578	0.2388	23
24	1.13 B	0.3098	3.95 B	0.547	0.285	0.128	0.020	0.003	0.007	0.037	0.2628	0.2368	24
25	1.37 B	0.2838	5.05 B	0.542	0.262	0.120	0.019	0.002	0.003	0.031	0.267	0.2688	25
26	1.26 B	0.2818	7.52 B	0.483	0.252	0.118	0.018	0.001	0.003	0.027	0.370	0.2888	26
27	1.21 B	0.3028	12.5 B	0.445	0.220	0.110	0.014	0.001	0.002	0.026	0.458	0.2858	27
28	1.14 B	0.2948	15.4 B	0.418	0.201	0.103	0.014	0.004	0.001	0.025	1.87	0.2628	28
29	1.07 B		17.4	0.408	0.193	0.101	0.012	0.007	0.002	0.023	0.8428	0.2718	29
30	1.16 B		12.8	0.388	0.197	0.103	0.011	0.007	0	0.020	0.6268	0.3388	30
31	2.81 B		8.74 A		0.198		0.010	0.003		0.021		0.4208	31
TOTAL	55.184	21.088	140.718	88.888	11.450	4.840	1.085	0.124	0.248	0.788	7.381	11.058	TOTAL
MEAN	1.78	0.753	4.54	2.22	0.369	0.161	0.034	0.004	0.008	0.025	0.246	0.357	MEAN
MAX	5.82	2.44	17.4	5.80	0.808	0.267	0.088	0.008	0.038	0.084	1.87	0.728	MAX
MIN	0.844	0.263	0.225	0.358	0.193	0.101	0.010	0.001	0	0	0.018	0.338	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.878
MAXIMUM DAILY, 17.4 ON MAR 28
MINIMUM DAILY, 0 ON SEP 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 32 10 N
LONG 81 20 10 W
DRAINAGE AREA, 50.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 770	JUL	92.0
FEB	1 820	AUG	10.7
MAR	12 200	SEP	21.4
APR	5 780	OCT	68.1
MAY	988	NOV	638
JUN	418	DEC	955

TOTAL DISCHARGE, 27 700 dam³

STONEY CREEK AT STONEY CREEK - STATION NO. 02HA022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.034B	0.228	0.0078	0.622	0.018	0.183	0.008	0.003	0.034A	0.005	0.008	0.037	1
2	0.032B	0.100	0.0058	0.258	0.063	0.372	0.005	0.003	0.008	0.005	0.008	0.032	2
3	0.030B	0.071	0.0068	0.540	0.081	0.339	0.005	0.003	0.003	0.004	0.008	0.0258	3
4	0.028B	0.0608	0.0218	1.08	0.053	0.158	0.020	0.011	0.004	0.004	0.008	0.0208	4
5	0.026	0.0368	0.0408	0.542	0.038	0.113	0.005	0.004	0.003	0.004	0.008	0.0188	5
6	0.057	0.0208	0.0588	0.232	0.040	0.054	0.005	0.003	0.003	0.003	0.015	0.0138	6
7	0.113	0.0188	0.0398	0.168	0.127	0.028	0.005	0.003	0.003	0.004	0.080	0.0128	7
8	0.030	0.0128	0.0228	0.103	0.580	0.016	0.004	0.002	0.003	0.003	0.098	0.0118	8
9	0.0308	0.0118	0.0188	0.078	0.271	0.113	0.004	0.002	0.002	0.003	0.224	0.0108	9
10	0.0328	0.0108	0.0248	0.081	0.183	0.182	0.004	0	0.002	0.028	0.224	0.0098	10
11	0.0358	0.0088	0.362	0.062	0.428	0.145	0.004	0.002	0.001	0.005	0.168	0.0088	11
12	0.0468	0.0098	0.310	0.053	3.82	0.080	0.005	0.001	0	0.004	0.087	0.0068	12
13	0.0358	0.0108	0.184	0.054	1.18	0.052	0.003	0.001	0.002	0.003	0.087	0.0078	13
14	0.0258	0.0228	0.164	0.056	0.351	0.036	0.003	0.001	0.058	0.003	0.077	0.0068	14
15	0.0288	0.0338	0.553	0.054	0.182	0.033	0.003	0.018	0.005	0.005	0.256	0.0088	15
16	0.022	0.0528	0.200	0.049	0.084	0.040	0.003	0.004	0.018	0.018	0.578	0.0068	16
17	0.021	0.0748	0.118	0.084	0.058	0.036	0.004	0.002	0.007	0.024	0.483	0.0068	17
18	0.020	0.118	0.581	0.073	0.038	0.023	0.003	0.001	0.004	0.006	0.180	0.0068	18
19	0.0218	0.088	0.392	0.078	0.032	0.020	0.005	0	0.004	0.029	0.085	0.0068	19
20	0.0228	0.012	0.263	0.061	0.031	0.048	0.055	0.001	0.003	0.023	0.182	0.0098	20
21	0.0238	0.034	0.261	0.037	0.028	0.018	0.008	0	0.003	0.084	0.249	0.0088	21
22	0.0218	0.089	0.304	0.030	0.022	0.158	0.005	0 E	0.288	0.052	0.111	0.0088	22
23	0.0138	0.0808	0.445	0.023	0.020	0.181	0.004	0 E	0.028	0.037	0.063	0.0088	23
24	0.0148	0.0208	0.675	0.022	0.018	0.083	0.004	0 E	0.044	0.020	0.037	0.0108	24
25	0.0208	0.0118	1.09	0.018	0.015	0.044	0.004	0 E	0.024	0.013	0.028	0.0118	25
26	0.344	0.0118	0.888	0.018	0.031	0.029	0.008	0 E	0.012	0.010	0.034	0.0128	26
27	0.143	0.0088	0.510	0.015	0.018	0.021	0.022	0 E	0.007	0.008	0.058	0.0138	27
28	0.076	0.0098	0.742	0.018	0.013	0.016	0.005	0 E	0.008	0.007	0.208	0.0128	28
29	0.075		0.851	0.018	0.011	0.011	0.003	0 E	0.008	0.008	0.188	0.0118	29
30	0.255		0.722	0.018	0.081	0.008	0.003	0 E	0.008	0.005	0.087	0.010	30
31	0.195		0.722		0.085		0.003	0 E		0.017		0.188	31
TOTAL	1.871	1.207	10.408	4.449	7.804	2.629	0.227	0.083	0.585	0.420	3.851	0.530	TOTAL
MEAN	0.080	0.043	0.336	0.148	0.255	0.088	0.007	0.002	0.020	0.014	0.128	0.017	MEAN
MAX	0.344	0.228	1.09	1.08	3.82	0.372	0.086	0.018	0.288	0.084	0.578	0.188	MAX
MIN	0.013	0.009	0.005	0.015	0.011	0.008	0.003	0	0	0.003	0.008	0.007	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.094
MAXIMUM DAILY, 3.82 ON MAY 12
MINIMUM DAILY, 0 ON AUG 10
MAXIMUM INSTANTANEOUS,
5.66 AT 12:14 EST ON MAY 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 13 31 N
LONG 79 45 05 W
DRAINAGE AREA, 20.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	183	JUL	19.8
FEB	104	AUG	5.44
MAR	898	SEP	50.5
APR	384	OCT	36.3
MAY	683	NOV	333
JUN	227	DEC	45.8

TOTAL DISCHARGE, 2 950 dam³

STURGEON CREEK NEAR LEAMINGTON - STATION NO. 02GH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.097	0.189	0.0428	0.204	0.041	1.88	0.108	0.134	0.152	0.044	0.087	0.088	1
2	0.090	0.1058	0.0418	0.178	0.050	0.888	0.098	0.118	0.148	0.051	0.078	0.073	2
3	0.084	0.0828	0.039	0.787	0.071	1.81	0.093	0.112	0.103	0.040	0.072	0.088	3
4	0.0828	0.0855	0.053	0.845	0.083	1.14	0.108	0.122	0.088	0.038	0.072	0.070	4
5	0.078	0.0889	0.0718	0.538	0.077	0.478	0.093	0.130	0.081	0.038	0.078	0.084	5
6	0.107	0.0858	0.0838	0.310	0.068	0.309	0.085	0.128	0.088	0.038	0.083	0.088	6
7	0.200	0.0838	0.0438	0.227	0.085	0.221	0.075	0.118	0.158	0.033	0.103	0.078	7
8	0.851	0.0508	0.0378	0.178	0.081	0.171	0.051	0.118	0.267	0.034	0.135	0.070	8
9	0.2888	0.0488	0.033	0.152	0.085	0.145	0.044	0.111	0.188	0.038	0.134	0.083	9
10	0.1408	0.0488	0.038	0.108	0.062	0.125	0.031	0.112	0.143	0.088	0.181	0.081	10
11	0.102	0.0458	0.050	0.088	0.054	0.111	0.038	0.117	0.115	0.085	0.138	0.084	11
12	0.123	0.0488	0.054	0.123	0.071	0.123	0.082	0.127	0.104	0.045	0.118	0.051	12
13	0.110	0.0548	0.049	0.172	0.078	0.138	0.068	0.120	0.088	0.038	0.114	0.0508	13
14	0.1018	0.0818	0.060	0.128	0.089	0.130	0.084	0.111	0.173	0.038	0.153	0.0488	14
15	0.077	0.088	0.074	0.180	0.083	0.180	0.080	0.207	0.183	0.034	0.418	0.0448	15
16	0.074	0.0578	0.083	0.136	0.058	0.385	0.033	0.284	0.188	0.032	0.888	0.0428	16
17	0.076	0.0518	0.073	0.167	0.048	0.240	0.030	0.142	0.171	0.078	0.270	0.0408	17
18	0.078	0.0488	0.171	0.288	0.041	0.228	0.014	0.099	0.130	0.081	0.188	0.0388	18
19	0.085	0.0528	0.134	0.198	0.047	1.15	0.074	0.082	0.108	0.220	0.112	0.0378	19
20	0.084	0.087	0.130	0.128	0.113	1.13	8.02	0.100	0.095	0.294	0.1028	0.0388	20
21	0.0788	0.113	0.130	0.107	0.083	0.493	1.46	0.092	0.085	0.278	0.0488	0.0388	21
22	0.0858	0.084	0.134	0.082	0.059	0.323	0.580	0.083	0.101	0.172	0.0738	0.0348	22
23	0.084	0.0888	0.143	0.081	0.060	0.264	0.315	0.120	0.110	0.127	0.0658	0.0338	23
24	0.084	0.0588	0.155	0.081	0.082	0.212	0.223	0.098	0.084	0.102	0.057	0.0338	24
25	0.087	0.0498	0.188	0.078	0.468	0.173	0.184	0.083	0.078	0.081	0.083	0.0338	25
26	0.202	0.045	0.158	0.074	3.45	0.188	0.135	0.078	0.071	0.078	0.071	0.0328	26
27	0.184	0.0478	0.178	0.088	0.888	0.171	0.889	0.088	0.088	0.078	0.084	0.0328	27
28	0.154	0.042	0.388	0.048	0.303	0.158	1.44	0.184	0.081	0.087	0.118	0.0328	28
29	0.201		0.428	0.048	0.213	0.130	0.331	0.237	0.057	0.080	0.083	0.0328	29
30	0.270		0.340	0.044	0.383	0.118	0.237	0.128	0.048	0.080	0.071	0.0368	30
31	0.222		0.304		2.48		0.180	0.095		0.078		0.0408	31
TOTAL	4.267	1.778	3.837	5.878	9.429	13.057	15.053	3.921	3.479	2.826	3.986	1.481	TOTAL
MEAN	0.138	0.064	0.124	0.188	0.304	0.435	0.485	0.126	0.116	0.081	0.132	0.048	MEAN
MAX	0.851	0.189	0.428	0.845	3.45	1.81	8.02	0.307	0.267	0.294	0.888	0.078	MAX
MIN	0.084	0.042	0.033	0.044	0.041	0.111	0.014	0.059	0.048	0.032	0.057	0.032	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.188
MAXIMUM DAILY, 8.02 ON JUL 20
MINIMUM DAILY, 0.014 ON JUL 18
MAXIMUM INSTANTANEOUS,
16.8 AT 04:53 EST ON JUL 20

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 02 44 N
LONG 82 34 29 W
DRAINAGE AREA, 14.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	368	JUL	1 300
FEB	154	AUG	339
MAR	332	SEP	301
APR	508	OCT	218
MAY	816	NOV	343
JUN	1 130	DEC	128

TOTAL DISCHARGE, 5 840 dam³

STURGEON RIVER AT CRYSTAL FALLS - STATION NO. 02DC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	71.3	78.2	73.5	111	158	149	64.4	32.8	31.0	26.7	23.1	43.8	1
2	70.6	74.4	67.9	87.6	155	136	60.0	31.0	31.0	29.0	21.5	40.4	2
3	70.6	73.2	64.8	84.6	154	133	59.1	30.9	31.0	28.0	20.9	41.6	3
4	70.8	76.3	64.4	109	154	128	57.2	37.1	23.8	27.4	20.9	41.7	4
5	70.0	87.9	66.3	139	154	126	58.5	36.4	26.2	25.4	21.0	41.1	5
6	75.3	82.1	68.3	158	158	121	57.6	35.9	31.0	25.4	28.0	41.2	6
7	82.1	86.6	64.2	160	159	113	56.7	35.0	31.0	22.5	28.0	40.7	7
8	80.3	81.3	64.2	143	159	107	56.4	33.0	31.0	25.0	28.9	37.8	8
9	86.3	81.2	62.0	135	156	107	55.0	33.8	27.4	20.0	32.8	36.5	9
10	87.6	78.6	61.7	118	153	126	55.5	33.8	19.3	20.0	33.2	38.1	10
11	86.2	77.1	60.7	112	147	---	54.8	34.8	22.8	19.8	33.5	38.4	11
12	90.4	78.8	60.1	112	142	---	51.5	34.8	24.3	21.8	35.8	38.4	12
13	88.0	76.8	58.1	104	138	---	51.1	35.6	24.3	21.1	36.8	38.7	13
14	86.2	73.9	56.8	100	137	---	50.7	36.8	23.8	18.2	36.8	41.4	14
15	86.2	73.7	56.7	100	136	---	50.7	37.0	22.4	19.5	36.5	41.8	15
16	81.8	72.2	54.8	105	132	---	50.7	38.4	21.8	22.8	36.8	40.3	16
17	80.3	72.2	54.2	131	132	---	50.7	38.2	28.8	23.2	40.0	38.4	17
18	78.8	71.7	59.5	144	130	144	50.7	39.2	34.7	21.8	38.5	38.4	18
19	80.3	86.9	59.3	148	131	143	52.8	39.2	36.8	23.0	37.8	40.5	19
20	78.0	88.7	58.9	150	131	144	53.6	38.2	36.8	23.5	43.3	42.8	20
21	82.7	89.3	54.6	155	132	138	52.3	39.8	38.8	24.3	44.4	42.0	21
22	82.5	71.1	61.0	158	143	131	51.0	42.5	34.7	24.3	48.0	40.8	22
23	77.2	77.2	63.2	155	148	128	48.5	38.2	33.8	24.3	48.0	40.2	23
24	78.7	76.9	---	154	152	120	47.8	38.4	31.3	24.3	43.7	38.7	24
25	74.0	72.5	65.0	154	148	117	48.8	38.4	30.0	23.4	46.5	38.4	25
26	75.5	72.7	61.7	156	147	114	48.4	34.8	30.0	23.2	46.8	38.5	26
27	76.8	69.1	66.2	151	158	1 070	48.0	33.8	30.0	22.8	47.8	37.8	27
28	78.8	66.7	76.2	150	160	92.0	48.7	32.8	30.0	21.8	47.8	37.0	28
29	77.7		89.8	151	156	84.9	41.2	32.8	30.0	21.8	50.8	34.3	29
30	78.7		112	154	153	78.1	41.2	32.8	29.4	23.5	48.2	34.8	30
31	78.1		118		152		41.2	31.0		23.2		34.8	31
TOTAL	2 470.3	2 108.4	---	4 008.2	4 880	---	1 584.8	1 118.2	873.4	720.3	1 108.2	1 228.3	TOTAL
MEAN	79.7	75.2	---	134	147	---	51.1	36.1	29.1	23.2	37.0	39.6	MEAN
MAX	90.4	87.9	---	160	160	---	64.4	42.5	36.8	29.0	50.8	43.8	MAX
MIN	70.0	66.7	---	84.6	130	---	40.0	31.0	19.3	18.2	20.8	34.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 18.2 ON OCT 14

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 37 00 N
LONG 78 51 47 W
DRAINAGE AREA, 8 880 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	213 000	JUL	137 000
FEB	182 000	AUG	88 800
MAR	---	SEP	75 600
APR	346 000	OCT	62 200
MAY	394 000	NOV	85 800
JUN	---	DEC	105 000

STURGEON RIVER AT MCDOUGALL MILLS - STATION NO. 05QA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	44.5	33.8	24.5	20.2	84.8	102	85.4	30.4	19.4	13.1	9.48	8.85	1
2	44.1	33.0	24.2	20.2	81.5	98.8	83.9	29.8	19.1	12.7	9.35	8.80	2
3	43.8	32.8	24.0	20.1	88.3	98.7	82.8	30.5	18.9	12.3	9.24	8.92	3
4	43.0	32.2	23.8	20.1	75.4	84.3	82.0	30.5	19.0	12.3	9.25	9.01	4
5	42.5	32.0	23.8	20.0	82.4	83.0	81.8	30.3	19.0	12.3	9.22	9.00	5
6	42.1	31.8	23.4	19.8	89.1	80.8	81.4	28.3	19.2	12.0	9.08	8.88	6
7	41.8	31.6	23.2	19.7	94.7	89.0	80.8	28.3	18.5	12.0	9.18	8.84	7
8	41.4	30.9	23.1	19.2	98.8	85.8	80.5	28.3	18.3	11.9	9.27	8.83	8
9	40.9	30.7	22.8	19.5	104	82.8	80.3	27.8	18.4	11.7	9.28	9.01	9
10	40.8	30.5	22.7	19.7	110	80.8	49.8	27.2	17.8	11.7	9.18	8.97	10
11	40.1	30.3	22.4	19.8	115	79.0	48.1	26.8	17.8	11.5	8.97	8.88	11
12	40.2	30.2	22.0	19.4	120	78.1	48.1	26.3	17.5	11.3	9.22	8.80	12
13	40.1	29.8	21.9	19.5	123	78.1	47.2	26.5	16.8	11.4	9.52	8.78	13
14	40.1	29.4	21.8	19.5	127	72.1	46.5	25.2	16.8	11.5	9.47	8.80	14
15	39.7	28.8	21.4	19.8	129	70.4	46.1	24.6	16.5	11.5	9.38	8.80	15
16	39.4	28.4	21.3	19.7	132	88.0	44.8	24.3	16.4	11.4	9.14	8.84	16
17	39.0	28.3	21.2	19.5	133	87.1	43.8	23.8	16.2	11.2	9.02	8.80	17
18	38.8	28.0	21.1	19.5	132	85.2	43.1	23.3	15.8	11.0	9.01	8.92	18
19	38.5	27.7	21.1	19.7	132	84.0	41.4	23.0	15.6	10.8	9.22	8.78	19
20	38.0	27.3	20.8	19.8	130	82.8	40.4	22.6	15.5	10.8	9.22	8.73	20
21	37.7	27.1	20.8	20.2	128	81.4	38.8	22.2	15.2	10.7	9.18	8.89	21
22	37.4	26.8	20.7	20.8	127	80.8	38.8	22.0	14.5	10.6	9.07	8.88	22
23	36.8	26.4	20.8	20.8	128	79.4	37.7	21.7	14.2	10.6	9.06	8.70	23
24	36.3	26.2	20.8	21.3	123	78.1	38.8	21.2	13.8	10.5	9.08	8.77	24
25	36.1	25.8	20.8	22.8	118	58.2	35.9	20.7	13.8	10.4	9.11	8.84	25
26	35.9	25.4	20.4	24.8	117	58.9	35.0	20.5	13.7	10.3	9.05	8.81	26
27	35.7	25.0	20.2	26.0	115	58.5	33.9	20.5	13.5	10.1	9.00	8.81	27
28	35.1	24.9	20.3	33.8	113	57.9	33.0	20.5	13.2	9.82	8.80	8.85	28
29	34.9		20.3	40.8	110	56.5	32.1	20.1	13.1	9.56	8.89	8.84	29
30	34.6		20.2	47.7	107	55.8	31.3	20.1	13.2	9.77	9.00	8.85	30
31	34.1		20.3		104		30.8	19.8		9.73		8.88	31
TOTAL	1 213.2	814.8	675.1	675.1	3 400.8	2 202.8	1 352.5	767.5	491.1	348.88	275.03	274.14	TOTAL
MEAN	39.1	29.1	21.8	22.5	110	73.4	43.8	24.8	16.4	11.2	9.17	8.84	MEAN
MAX	44.8	33.8	24.5	47.7	133	102	85.4	30.5	19.4	13.1	9.52	9.01	MAX
MIN	34.1	24.9	20.2	19.2	84.8	55.8	30.8	19.8	13.1	9.73	8.89	8.88	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 34.2
MAXIMUM DAILY, 133 ON MAY 17
MINIMUM DAILY, 8.88 ON DEC 22
MAXIMUM INSTANTANEOUS,
134 AT 19:48 CST ON MAY 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 10 20 N
LONG 81 32 30 W
DRAINAGE AREA, 4 480 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	105 000	JUL	117 000
FEB	70 400	AUG	85 300
MAR	58 300	SEP	42 400
APR	58 300	OCT	30 000
MAY	294 000	NOV	23 800
JUN	190 000	DEC	23 700

TOTAL DISCHARGE, 1 080 000 dam³

STURGEON RIVER AT OUTLET OF SALVESEN LAKE - STATION NO. 05QE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.94	4.09	3.50	3.46	28.2	38.3	30.5	12.1	7.18	3.88	2.82	2.28	1
2	3.98	4.02	3.42	3.82	28.1	38.1	29.8	12.0	7.00	3.84	2.84	2.28	2
3	4.00	3.91	3.43	3.55	30.1	37.2	28.9	12.2	6.78	3.41	2.80	2.21	3
4	4.07	3.90	3.80	3.53	32.0	36.5	28.1	11.9	6.49	3.44	2.84	2.19	4
5	4.18	3.98	3.89	3.48	34.0	35.5	27.3	11.8	6.37	3.48	2.82	2.23	5
6	4.17	4.07	3.86	3.45	35.7	34.8	26.4	11.2	6.30	3.37	2.80	2.22	6
7	4.18	4.12	3.82	3.45	37.2	33.7	25.4	10.8	6.03	3.33	2.81	2.13	7
8	4.21	4.04	3.89	3.34	38.4	32.5	24.7	10.7	5.81	3.26	2.83	2.08	8
9	4.08	4.03	3.85	3.32	38.7	31.4	23.8	10.5	5.82	3.29	2.83	2.14	9
10	4.01	4.08	3.71	3.36	38.7	30.2	22.8	10.3	5.84	3.35	2.89	2.22	10
11	4.01	4.17	3.75	3.38	38.4	29.0	22.1	10.0	5.81	3.32	2.48	2.14	11
12	4.08	4.20	3.87	3.38	38.1	29.1	21.4	9.75	5.33	3.26	2.80	2.08	12
13	4.18	4.18	3.84	3.40	37.5	29.3	20.8	9.55	5.27	3.28	2.82	2.01	13
14	4.33	4.04	3.54	3.48	36.9	29.3	19.8	9.20	5.27	3.20	2.48	2.02	14
15	4.41	3.82	3.43	3.48	36.1	29.2	19.3	8.93	5.23	3.28	2.45	2.05	15
16	4.35	3.86	3.39	3.54	35.0	28.8	18.0	8.75	5.13	3.34	2.37	2.08	16
17	4.40	3.88	3.32	3.48	34.0	27.7	18.4	8.53	5.05	3.28	2.33	2.04	17
18	4.42	3.73	3.33	3.57	33.8	26.8	17.9	8.68	4.80	3.19	2.30	1.97	18
19	4.47	3.80	3.38	3.63	33.4	26.1	17.3	8.44	4.78	3.14	2.34	1.93	19
20	4.38	3.84	3.35	3.71	33.7	25.2	16.8	8.39	4.88	3.17	2.45	1.88	20
21	4.41	3.83	3.38	3.88	34.0	25.5	16.3	8.04	4.84	3.11	2.34	1.88	21
22	4.40	3.71	3.36	4.45	33.8	27.2	15.8	8.86	4.45	3.13	2.28	1.91	22
23	4.41	3.87	3.37	5.82	33.2	29.0	14.9	8.87	4.33	3.12	2.28	1.97	23
24	4.23	3.76	3.44	7.51	32.5	30.0	14.5	8.37	4.28	3.08	2.24	2.05	24
25	4.32	3.84	3.80	10.8	33.6	30.3	14.1	8.17	4.20	3.10	2.28	2.07	25
26	4.41	3.85	3.49	15.0	36.3	30.8	13.8	8.25	4.10	3.06	2.28	1.97	26
27	4.40	3.88	3.42	18.8	38.1	31.2	13.0	8.03	4.03	3.03	2.24	2.04	27
28	4.44	3.84	3.48	21.0	38.8	31.6	12.8	7.91	4.01	2.86	2.22	2.08	28
29	4.41		3.48	22.7	38.1	31.3	12.3	7.87	3.91	2.82	2.19	1.98	29
30	4.39		3.48	24.3	39.0	31.0	12.3	7.83	3.84	2.74	2.27	1.97	30
31	4.38		3.48		38.7		12.2	7.38		2.72		2.07	31
TOTAL	131.98	108.32	108.15	203.34	1 093.1	926.0	611.8	295.30	156.84	98.58	72.87	64.12	TOTAL
MEAN	4.26	3.90	3.48	6.77	35.3	30.9	19.7	9.53	5.22	3.21	2.42	2.07	MEAN
MAX	4.47	4.20	3.75	24.3	39.1	38.3	30.5	12.2	7.18	3.88	2.83	2.28	MAX
MIN	3.94	3.84	3.32	3.32	28.2	25.2	12.3	7.38	3.91	2.72	2.19	1.88	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.8
MAXIMUM DAILY, 39.1 ON MAY 29
MINIMUM DAILY, 1.88 ON DEC 21
MAXIMUM INSTANTANEOUS,
39.1 AT 20:30 CST ON MAY 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 21 30 N
LONG 84 27 30 W
DRAINAGE AREA, 1 530 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 400	JUL	52 800
FEB	9 450	AUG	25 500
MAR	9 340	SEP	13 500
APR	17 600	OCT	8 800
MAY	84 400	NOV	8 280
JUN	80 000	DEC	5 540

TOTAL DISCHARGE, 338 000 dam³

STURGEON RIVER AT STURGEON BAY - STATION NO. 02ED018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.16 B	1.40	0.8008	3.44	1.03	0.850	0.564	0.405	1.28	0.843	1.03	1.53 B	1
2	1.14 B	1.20 B	0.8008	2.86	1.22	0.848	0.612	0.548	1.45	0.832	1.05	1.40 B	2
3	1.08 B	1.05 B	0.7988	3.08	1.57	0.844	0.671	0.574	1.05	0.880	1.10	1.31 B	3
4	1.06 B	0.9908	0.7988	3.57	1.80	1.22	0.583	0.786	0.788	0.838	0.943	1.25 B	4
5	1.05 B	0.9508	0.8988	3.56	1.82	1.08	0.551	0.939	0.892	0.629	0.918	1.20 B	5
6	1.04 B	0.9308	1.10 B	3.01	2.42	0.860	0.529	0.582	0.635	0.788	1.08	1.18 B	6
7	1.03 B	0.9108	1.07 B	2.64	2.30	0.882	0.507	0.506	0.806	0.783	1.19	1.11 B	7
8	1.96 B	0.9008	1.00 B	2.36	3.70	0.787	0.488	0.488	0.748	0.830	1.24	1.08 B	8
9	2.82 B	0.8908	0.8088	1.87	3.08	0.735	0.504	0.487	0.789	0.828	1.32	1.09 B	9
10	2.09 B	0.8858	0.7508	1.71	2.15	0.885	0.505	0.453	0.884	0.820	1.39	1.01 B	10
11	1.44 B	0.8608	0.7308	1.81	1.74	0.885	0.484	0.445	0.787	1.15	1.18	1.00 B	11
12	1.29	0.8758	0.8548	1.68	2.39	0.758	0.483	0.447	0.858	0.988	1.12	0.9858	12
13	1.27	0.8708	0.7088	1.70	2.80	0.710	0.487	0.481	0.888	0.904	1.08	0.9808	13
14	1.19 B	0.8858	0.784	1.83	2.18	0.861	0.483	0.848	0.830	0.900	1.12	0.9808	14
15	1.11	0.8808	1.83 B	2.23	1.78	0.838	0.481	0.844	0.823	1.62	1.32	0.9708	15
16	1.05	0.8508	1.75 B	2.02	1.51	0.675	0.453	0.830	0.580	2.03	3.08	0.9808	16
17	1.01	0.8458	1.80 B	1.85	1.31	0.722	0.442	0.567	0.804	1.67	3.24	0.9808	17
18	0.9958	0.5408	1.45 B	1.67	1.18	0.766	0.438	0.498	0.804	1.44	2.46	0.9808	18
19	1.00 B	0.8358	1.30 B	1.63	1.08	0.739	0.431	0.473	0.590	1.28	1.94	0.9808	19
20	0.9798	0.8308	1.26 B	1.51	1.17	1.39	0.433	0.478	0.578	1.42	3.15	0.9508	20
21	0.6878	0.8258	1.20 B	1.41	1.80	1.78	0.420	0.515	0.583	1.80	3.80 B	0.9508	21
22	1.01 B	0.8208	1.18 B	1.29	1.36	3.86	0.416	0.513	0.678	1.85	3.50 B	0.9508	22
23	1.04	0.8178	1.16 B	1.17	1.11	3.48	0.398	0.852	2.22	1.32	2.40 B	0.9508	23
24	0.865	0.8148	1.18	1.11	0.951	2.63	0.403	0.850	1.83	1.15	1.80 B	0.9508	24
25	0.9708	0.8128	1.33	1.13	0.908	1.73	0.387	0.542	1.18	1.05	1.44	0.9508	25
26	0.895	0.8108	1.85	1.16	1.07	1.28	0.403	0.502	0.981	1.01	1.47	0.9508	26
27	0.855	0.8088	2.72 B	1.14	1.01	1.01	0.415	0.485	0.875	0.933	1.61	0.9508	27
28	1.03 B	0.8058	7.25 B	1.09	0.900	0.852	0.438	0.488	0.774	0.802	2.70 B	0.9508	28
29	1.03		12.2	1.05	0.880	0.768	0.414	0.541	0.719	0.874	2.30 B	0.9508	29
30	1.10		7.69	1.04	0.885	0.893	0.428	0.941	0.671	0.847	1.80 B	0.9508	30
31	1.22		4.81		0.832		0.415	0.770		0.878		1.01 B	31
TOTAL	35.767	25.176	62.837	57.88	49.617	34.888	14.598	17.891	25.384	32.733	53.532	32.315	TOTAL
MEAN	1.18	0.899	2.03	1.92	1.60	1.16	0.471	0.577	0.845	1.05	1.78	1.04	MEAN
MAX	2.82	1.40	12.2	3.58	3.70	3.86	0.644	0.852	2.22	2.03	3.80	1.53	MAX
MIN	0.887	0.805	0.854	1.04	0.832	0.638	0.387	0.405	0.583	0.629	0.918	0.980	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.23
MAXIMUM DAILY, 12.2 ON MAR 29
MINIMUM DAILY, 0.387 ON JUL 25
MAXIMUM INSTANTANEOUS,
13.0 AT 05:57 EST ON MAR 29

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 43 49 N
LONG 79 43 11 W
DRAINAGE AREA, 103 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 180	JUL	1 280
FEB	2 180	AUG	1 880
MAR	5 440	SEP	2 180
APR	4 980	OCT	2 830
MAY	4 280	NOV	4 630
JUN	3 010	DEC	2 780

TOTAL DISCHARGE, 38 300 dam³

STURGEON RIVER AT UPPER GOOSE FALLS - STATION NO. 02DC012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.0 E	7.75	5.028	5.81	72.4	38.7	20.6	4.48	8.05	2.43	4.22	7.38	1
2	12.3 E	7.38	4.998	5.76	71.9	38.8	20.2	4.78	8.58	2.44	4.16	7.40	2
3	11.8 E	7.13	4.84	6.02	71.8	37.0	17.6	4.83	8.34	2.30	4.17	7.18	3
4	11.4 E	6.86	4.76	6.28	72.8	35.3	16.3	4.84	8.95	2.17	4.01	6.98	4
5	10.9 E	6.608	4.79	7.28	76.6	33.2	15.0	4.74	9.81	2.16	4.08	7.04	5
6	10.5 E	6.708	4.80	7.82	80.1	30.9	13.9	4.54	8.83	2.44	4.83	7.18	6
7	10.2 E	6.608	4.84	8.27	82.9	28.3	12.9	4.86	8.48	2.52	5.28	6.89	7
8	9.80E	6.78	4.80	8.58	82.2	25.0	12.1	5.70	8.25	2.81	5.72	6.70	8
9	9.48E	6.58	4.78	9.22	78.7	27.2	11.6	5.88	8.32	2.47	6.43	6.58	9
10	9.30E	6.47	4.70	9.80	75.2	35.9	12.1	5.43	8.92	2.48	7.40	6.58	10
11	9.30E	6.388	4.74	9.38	69.7	44.4	11.3	5.00	8.78	2.87	8.30	6.50	11
12	9.40E	6.368	4.61	8.73	64.4	49.6	10.1	4.78	8.38	2.93	8.87	6.38	12
13	9.55E	6.308	4.38	8.88	60.2	51.3	9.38	4.63	8.05	3.13	8.88	6.24	13
14	9.37	6.238	4.408	8.68	56.0	49.2	8.85	4.43	7.77	3.12	9.18	6.15	14
15	9.42	6.128	4.508	8.78	53.9	47.7	7.83	5.27	6.81	3.20	9.11	5.98	15
16	9.18	6.13	4.558	10.3	52.2	43.2	7.99	5.50	4.44	3.43	9.60	5.82	16
17	9.02	5.88	4.608	12.5	50.1	45.6	7.18	5.43	4.38	3.76	9.84	5.67	17
18	9.20	5.65	4.628	15.3	47.8	48.2	7.01	5.72	4.07	3.88	9.70	5.84	18
19	8.87	5.74	4.608	17.8	45.6	51.6	6.84	5.48	3.81	3.88	9.58	5.70	19
20	8.85	5.77	4.888	20.2	41.6	52.0	6.87	5.52	3.52	3.85	10.3	5.84	20
21	8.88	5.57	4.568	24.8	40.8	48.8	6.11	5.18	3.36	4.19	10.0	5.39	21
22	8.70	5.57	4.508	27.5	43.3	46.3	5.85	5.73	3.18	4.44	9.41	5.31	22
23	8.52	5.43	4.51	30.3	46.4	42.2	5.78	6.54	3.01	4.63	9.11	5.28	23
24	8.20	5.53	4.47	32.6	47.5	38.4	5.61	6.21	2.88	4.62	8.90	5.18	24
25	7.91	5.32	4.81	35.6	48.3	35.9	5.23	5.88	2.88	4.38	8.67	5.21	25
26	7.84	5.50	4.84	40.3	47.8	33.7	5.20	5.92	2.77	4.40	8.77	5.08	26
27	7.74	5.18	4.73	46.1	48.0	30.7	5.33	6.12	2.80	4.50	8.18	5.31A	27
28	7.79	5.18	5.40	57.8	47.5	27.4	5.22	6.08	2.87	4.57	8.10	5.28A	28
29	7.85		5.83	82.6	45.4	24.5	4.87	5.82	2.84	4.55	7.87	5.18A	29
30	7.84		6.01	86.1	43.4	21.8	4.81	5.80	2.44	4.47	7.75	5.09A	30
31	7.81		5.01		41.3		4.90	5.33		4.33		5.08	31
TOTAL	289.73	172.86	149.17	627.95	1 804.4	1 184.0	293.83	169.01	132.59	109.72	230.45	187.14	TOTAL
MEAN	9.35	6.17	4.81	20.9	58.2	39.5	9.48	5.45	4.42	3.44	7.89	6.04	MEAN
MAX	13.0	7.75	6.01	89.1	82.9	52.0	20.6	6.54	8.58	4.67	10.3	7.40	MAX
MIN	7.74	5.18	4.38	5.76	40.8	21.8	4.80	4.43	2.44	2.16	4.01	5.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.8
MAXIMUM DAILY, 82.9 ON MAY 7
MINIMUM DAILY, 2.16 ON OCT 8
MAXIMUM INSTANTANEOUS,
83.6 AT 17:17 EST ON MAY 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 56 13 N
LONG 80 27 27 W
DRAINAGE AREA, 1 200 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	25 000	JUL	25 400
FEB	14 900	AUG	14 800
MAR	12 900	SEP	11 500
APR	84 300	OCT	9 220
MAY	155 000	NOV	19 800
JUN	101 000	DEC	18 200

TOTAL DISCHARGE, 481 000 dam³

STURGEON RIVER NEAR GLEN AFTON - STATION NO. 02DC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	29.0B	18.2B	16.4B	21.6B	128	78.1	46.0	15.0	14.3	14.3	14.3E	16.1B	1
2	28.5B	18.1B	16.4B	20.7B	130	76.4	44.2	16.7	14.9	15.0	13.5E	15.7B	2
3	27.8B	18.0B	16.4B	20.2B	131	73.3	41.9	18.0	15.6	15.5A	12.2E	15.3B	3
4	27.0B	17.9B	16.4B	20.0B	130	70.8	40.5	18.8	15.0	15.5E	11.4E	15.0B	4
5	26.3B	17.8B	16.4B	23.5B	130	67.5	39.1	18.7	14.0	16.6E	11.3E	14.6B	5
6	25.8B	17.8B	16.3B	26.3B	132	63.8	37.4	18.3	14.1	16.9E	11.7A	14.5B	6
7	25.0B	17.7B	16.3B	27.8B	128	60.4	34.8	14.8	15.0	16.3E	12.8	14.1B	7
8	24.8B	17.6B	16.3B	28.2B	126	58.0	32.4	15.2	15.1	16.1E	13.5	13.8B	8
9	24.9B	17.5B	16.3B	28.5B	125	58.9	30.4	15.4	15.4	16.3E	14.5	13.6B	9
10	24.9B	17.4B	16.3B	28.5B	120	65.7	28.8	15.8	17.3	16.4E	15.6	13.4B	10
11	24.8B	17.3B	16.3B	28.6B	113	73.7	27.2	16.3	19.0	16.3E	16.7	13.2B	11
12	24.8B	17.2B	16.3B	29.0B	105	79.8	25.8	18.2	21.8	16.2E	18.0	13.0B	12
13	24.6B	17.2B	16.4B	29.5B	100	82.5	23.8	18.0	21.8	16.4E	18.6	12.8B	13
14	24.2B	17.1B	16.6B	30.3B	96.0	81.7	22.3	18.2	20.8	16.6E	18.8	12.6B	14
15	24.0B	17.1B	16.8B	34.6B	92.7	78.4	21.2	18.2	20.0	16.9E	18.8	12.5B	15
16	23.6B	17.0B	17.3B	48.4	90.1	75.7	20.6	18.1	19.2	17.0E	25.1	12.4B	16
17	23.2B	16.9B	17.8B	53.7	87.5	74.1	20.0	19.2	18.6	17.2E	19.8A	12.3B	17
18	22.8B	16.9B	18.3B	52.5	84.6	74.3	20.7	19.8	18.2	17.4E	20.0E	12.1B	18
19	22.0B	16.8B	18.6B	70.3	81.1	75.2	22.6	20.4	17.9	17.7E	20.2E	11.9B	19
20	21.4B	16.8B	18.8B	73.7	77.8	75.3	22.0	20.7	17.8	17.9E	21.1E	11.7B	20
21	21.0B	16.8B	18.8B	80.5	77.2	74.1	21.2	20.8	17.1	18.0E	20.8E	11.7B	21
22	20.5B	16.8B	18.2B	82.8	82.5	72.2	20.5	20.4	16.1	18.1E	20.8B	11.6B	22
23	20.1B	16.8B	18.0B	84.0	85.2	67.6	19.3	20.5	15.6	18.1E	20.0B	11.5B	23
24	19.8B	16.7B	17.8B	85.3	87.1	63.9	18.6	20.4	15.4	18.0E	19.3B	11.4B	24
25	19.3B	16.7B	17.6B	88.9	87.3	60.8	17.9	20.2	15.3	17.8E	18.9B	11.4B	25
26	19.2B	16.6B	18.3B	95.5	88.2	58.2	17.2	19.4	15.1	17.9E	18.4B	11.3B	26
27	18.9B	16.6B	19.3B	104	86.1	55.7	17.0	18.8	14.9	17.3E	17.8B	11.3B	27
28	18.8B	16.6B	20.3B	113	86.9	52.5	16.6	18.4	14.6	16.5E	17.3B	11.2B	28
29	18.7B		21.7B	119	84.1	49.7	16.3	17.6	14.3	16.3E	16.8B	11.2B	29
30	18.6B		22.8B	124	81.4	47.6	15.8	16.3	13.9	15.5E	16.5B	11.2B	30
31	18.4B		22.9B		80.2		15.4	13.8		15.0E		11.2B	31
TOTAL	712.4	481.8	552.5	1 681.8	3 141.2	2 047.9	797.4	538.7	498.2	518.0	509.8	395.9	TOTAL
MEAN	23.0	17.2	17.8	56.1	101	68.3	25.7	17.4	16.6	16.7	17.0	12.8	MEAN
MAX	29.0	18.2	22.9	124	132	82.5	46.0	20.8	21.8	18.1	21.1	16.1	MAX
MIN	18.4	16.5	16.3	20.2	77.2	47.6	15.4	13.8	13.9	14.3	11.3	11.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 32.5
MAXIMUM DAILY, 132 ON MAY 8
MINIMUM DAILY, 11.2B ON DEC 28
MAXIMUM INSTANTANEOUS,
133 AT 15:08 EST ON MAY 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 38 12 N
LONG 80 15 53 W
DRAINAGE AREA, 2 980 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	61 800	JUL	68 800
FEB	41 800	AUG	46 500
MAR	47 700	SEP	43 000
APR	145 000	OCT	44 600
MAY	271 000	NOV	44 000
JUN	177 000	DEC	34 200

TOTAL DISCHARGE, 1 030 000 dam³

SYDENHAM RIVER AT FLORENCE - STATION NO. 02GG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.0	21.0	1.90B	13.2	4.91	8.73	2.46	1.14	0.803	0.827	0.793	5.67	1
2	9.00B	20.2	1.80B	11.0	4.56	18.9 A	2.08	0.930	1.04	0.818	0.790	5.72	2
3	6.50B	13.3	1.76B	15.5	4.19	18.3	1.84	0.802	1.07	0.801	0.782	5.00	3
4	5.70B	8.21	1.65B	30.2	3.83	15.9	1.91	0.745	1.21	0.783	0.770	4.68B	4
5	5.30B	7.80	2.30B	37.0	3.66	11.5	1.79	0.711	1.10	0.742	0.748	4.32B	5
6	5.00B	5.40B	3.76B	27.0	3.85	8.85	1.57	0.678	0.998	0.744	0.851	4.00B	6
7	5.33B	4.70B	5.30B	20.2	3.49	6.89	1.57	0.656	0.917	0.742	1.36	3.80B	7
8	12.0 B	4.05B	3.90B	16.8	3.29	5.77A	1.46	0.661	0.861	0.730	3.45	3.58B	8
9	22.8 B	3.70B	3.25B	14.0	3.14	5.31	1.35	0.655	1.05	0.713	5.01	3.46B	9
10	16.0 B	3.35B	2.95B	11.4	3.08	6.17	1.30	0.647	1.15	0.898	5.40	3.22B	10
11	12.0 B	3.05B	2.80B	9.43	2.95	4.40	1.22	0.631	1.40	1.05	4.83	3.07B	11
12	9.20B	2.80B	3.00B	8.73	2.98	3.86	1.16	0.677	1.41	1.27	3.86	2.95B	12
13	7.00B	2.55B	3.75B	15.9	3.57	3.66	1.14	0.788	1.23	1.63	2.54	2.80B	13
14	5.70B	2.40B	4.04B	18.7	3.62	3.60	1.06	0.686	1.17	1.80	2.00	2.62B	14
15	4.70B	2.37B	3.85B	18.8	3.77	3.44	0.953	0.697	1.04	1.55	2.75	2.53B	15
16	3.90B	2.44B	3.50B	16.5	3.80	3.32	0.928	0.825	0.968	1.43	16.3	2.46B	16
17	3.70B	2.60B	4.62	14.8	3.43	3.18	0.906	0.787	1.01	1.12	28.5	2.33B	17
18	3.56B	2.25B	15.8	17.7	3.19	3.34	0.858	0.706	1.16	1.02	19.8	2.27B	18
19	3.45B	2.14B	24.5	19.2	2.99	3.61	0.837	0.663	1.16	1.01	10.4	2.21B	19
20	3.52B	2.11B	31.0	18.3	2.97	6.19	1.03	0.646E	1.14	1.37	7.13	2.18B	20
21	3.63B	2.28B	20.7	12.2	3.10	7.92A	1.01	0.640E	1.07	1.72	5.80	2.09B	21
22	3.46B	2.34B	16.0	10.0	3.14	11.9	0.997	0.685E	1.07	1.65	4.83	2.02B	22
23	3.30B	2.27B	13.4	8.02	2.98	7.30	1.21	0.735E	1.02	1.52	4.33	1.96B	23
24	3.16B	2.12B	10.8	6.73	2.83	4.97	2.72	0.720E	0.931	1.40	3.32	1.96B	24
25	3.35B	2.05B	11.5	5.84	3.00	4.31	2.12	0.700E	1.31	1.29	3.32	1.84B	25
26	5.40B	2.02B	15.3	5.36	7.57A	3.58	2.17	0.685E	1.71	1.17	3.16	1.92B	26
27	10.5 B	2.10B	17.8	5.09	10.8	3.81	4.41	0.685E	1.33	1.07	3.62	1.90B	27
28	17.2 B	2.03B	20.0	4.82	10.4	5.95	3.49	0.705E	1.08	0.987	5.72	1.88B	28
29	12.5		24.1	4.68	8.62	4.76	2.36	0.743E	0.984	0.913	10.9	1.86B	29
30	15.2		23.1	5.15	6.88	3.18	1.72	0.740	0.877	0.882	10.2	2.00B	30
31	20.5		18.4		5.80		1.40	0.713		0.841		2.06B	31
TOTAL	254.65	134.63	324.92	419.13	136.19	209.21	E1.229	22.482	33.367	34.502	176.86B	81.84	TOTAL
MEAN	8.21	4.81	10.5	14.0	4.39	6.97	1.85	0.725	1.11	1.11	5.86	2.64	MEAN
MAX	22.8	21.0	34.5	37.0	10.8	18.9	4.41	1.14	1.71	1.80	28.5	5.67	MAX
MIN	3.16	2.02	1.76	4.68	2.83	3.18	0.837	0.631	0.881	0.713	0.748	1.66	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.17
MAXIMUM DAILY, 37.0 ON APR 5
MINIMUM DAILY, 0.631 ON AUG 11
MAXIMUM INSTANTANEOUS,
38.4 AT 08:48 EST ON APR 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 38 00 N
LONG 83 00 32 W
DRAINAGE AREA, 1 180 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	22 000	JUL	4 430
FEB	11 500	AUG	1 940
MAR	28 100	SEP	2 660
APR	36 200	OCT	2 980
MAY	11 800	NOV	15 200
JUN	18 100	DEC	7 920

TOTAL DISCHARGE, 183 000 dam³

SYDENHAM RIVER AT STRATHROY - STATION NO. 02GG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.13	3.14	0.562	2.47	1.25	0.833	0.520	0.439	0.458	0.471	0.417	1.46	1
2	1.71	3.12	0.542	2.27	1.15	1.28	0.477	0.417	0.477	0.484	0.441	1.19	2
3	1.43	2.40	0.589	2.38	1.09	1.71	0.458	0.402	0.465	0.490	0.458	1.01	3
4	1.10	1.73	0.865	4.05	1.05	1.71	0.442	0.411	0.401	0.428	0.508	0.881	4
5	1.10	1.40 B	1.83 B	5.82	1.05	1.23	0.453	0.418	0.388	0.392	0.625	0.803	5
6	1.06	1.20 B	1.85 B	5.85	1.03	0.980	0.469	0.425	0.370	0.434	0.558	0.688	6
7	1.00 B	1.00 B	0.8408	4.15	0.998	0.858	0.453	0.408	0.378	0.420	0.855	0.820	7
8	3.28	0.8708	0.8308	2.95	1.01	0.773	0.482	0.418	0.393	0.434	0.763	0.734	8
9	4.34	0.8508	0.7188	2.41	0.992	0.707	0.480	0.393	0.447	0.495A	0.777	0.698	9
10	3.33	0.8158	0.788	2.30	0.870	0.842	0.448	0.402	0.483	0.520E	0.708	0.678	10,
11	2.24	0.7858	1.04	2.04	0.942	0.838	0.420	0.389	0.428	0.550E	0.805	0.687	11
12	1.78	0.7758	1.59	1.85	0.938	0.829	0.408	0.430	0.388	0.580E	0.537	0.835	12
13	1.44	0.7808	1.62	2.38	0.909	0.826	0.402	0.485	0.388	0.565E	0.490	0.821	13
14	1.18	0.7458	1.22	2.97	0.918	0.822	0.394	0.508	0.377	0.530E	0.471	0.813	14
15	1.08	0.7808	1.35	3.20	0.881	0.807	0.380	0.483	0.382	0.490E	0.700	0.591	15
16	1.02	0.828	1.78	3.04	0.834	0.841	0.385	0.418	0.388	0.485E	2.02	0.588	16
17	0.930	0.701	1.45	2.67	0.788	0.884	0.385	0.378	0.422	0.440E	2.31	0.5588	17
18	0.826	0.857	4.34	2.78	0.747	0.873	0.353	0.380	0.424	0.435E	1.97	0.538	18
19	0.932	0.883	5.89	2.67	0.688	0.888	0.357	0.358	0.405	0.473A	1.12	0.521	19
20	0.882	0.884	7.38	2.49	0.727	0.704	0.408	0.334	0.373	0.467	0.812	0.5118	20
21	0.888	0.728	4.34	2.18	0.758	0.778	0.458	0.348	0.387	0.432	0.771	0.5008	21
22	0.847	0.718	2.38	1.93	0.830	1.28	0.495	0.358	0.423	0.458	0.735	0.494	22
23	0.866	0.674	2.13	1.73	0.772	1.40	0.480	0.350	0.498	0.455	0.687	0.493	23
24	0.832	0.837	2.26	1.58	0.888	0.883	0.458	0.356	0.495	0.433	0.648	0.480	24
25	1.07	0.835	2.58	1.34	0.738	0.782	0.455	0.324	0.487	0.426	0.617	0.489	25
26	1.88	0.851	3.00	1.30	2.50	0.888	0.445	0.318	0.488	0.427	0.568	0.488	26
27	2.85	0.832	3.25	1.26	3.41	0.842	0.710	0.330	0.482	0.407	0.695	0.491	27
28	2.22	0.829	3.51	1.23	2.16	0.808	0.587	0.318	0.483	0.391	1.39	0.504	28
29	1.83		4.23	1.18	1.46	0.574	0.548	0.358	0.488	0.407	2.07	0.513	29
30	2.44		4.36	1.20	0.985	0.527	0.500	0.384	0.481	0.444	1.91	0.511	30
31	3.01		3.11		1.14		0.485	0.392		0.425		0.808	31
TOTAL	61.573	29.259	72.884	75.81	34.450	25.595	14.123	12.101	12.901	14.249	25.947	20.888	TOTAL
MEAN	1.66	1.04	2.35	2.52	1.11	0.853	0.456	0.390	0.430	0.460	0.838	0.658	MEAN
MAX	4.34	3.14	7.38	5.82	3.41	1.71	0.710	0.508	0.488	0.580	2.31	1.46	MAX
MIN	0.847	0.829	0.562	1.18	0.998	0.527	0.353	0.318	0.366	0.391	0.417	0.488	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.07
MAXIMUM DAILY, 7.38 ON MAR 20
MINIMUM DAILY, 0.318 ON AUG 28
MAXIMUM INSTANTANEOUS,
7.98 AT 05:29 EST ON MAR 20

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 57 35 N
LONG 81 37 42 W
DRAINAGE AREA, 172 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 880	JUL	1 220
FEB	2 930	AUG	1 080
MAR	6 300	SEP	1 110
APR	6 536	OCT	1 230
MAY	3 880	NOV	2 330
JUN	2 210	DEC	1 780

TOTAL DISCHARGE, 33 700 dam³

SYDENHAM RIVER AT WALLACEBURG - STATION NO. 02GG008

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.087	5.078	5.008A	5.145	5.134	5.329	5.408	5.378	5.288	5.174	5.106	4.888	1
2	5.138	5.072	5.008A	5.155	5.154	5.378	5.400	5.385	5.271	5.186	5.078	5.044	2
3	5.105	5.106	5.002A	5.156	5.172	5.374	5.395	5.378	5.275	5.178	5.043	4.889	3
4	5.111	5.101	5.009A	5.205	5.171	5.382	5.388	5.394	5.288	5.194	5.075	4.882	4
5	5.102	5.076	5.009A	5.255	5.183	5.356	5.387	5.387	5.278	5.186	5.053	4.871	5
6	5.087	5.138	5.044	5.218	5.148	5.373	5.389	5.354	5.284	5.181	5.055	4.878	6
7	5.108	5.116	5.181	5.188	5.187	5.363	5.382	5.346	5.284	5.152	5.029	4.869	7
8	5.315	5.128	5.138	5.192	5.168	5.343	5.365	5.339	5.280	5.128	5.052	4.874	8
9	5.181	5.176	5.088	5.224	5.150	5.351	5.395	5.347	5.328	5.125	5.151	4.868	9
10	5.177	5.183	5.028	5.222	5.124	5.363	5.406	5.332	5.300	5.178	5.084	4.884	10
11	5.185	5.179	5.009	5.188	5.131	5.348	5.384	5.317	5.282	5.131	5.148	4.880	11
12	5.180	5.204	4.897A	5.219	5.173	5.341	5.368	5.312	5.273	5.118	5.041	4.880	12
13	5.174	5.208	5.004A	5.176	5.170	5.384	5.358	5.315	5.244	5.097	5.058	4.875	13
14	5.143	5.218	5.025	5.203	5.147	5.385	5.342	5.318	5.232	5.097	5.048	4.889	14
15	5.142	5.217	5.108	5.171	5.186	5.355	5.387	5.324	5.255	5.100	5.080	4.878	15
16	5.131	5.211	5.050	5.188	5.178	5.401	5.370	5.308	5.286	5.084	5.230	5.002	16
17	5.127	5.200	4.880	5.180	5.180	5.418	5.366	5.283	5.292	5.057	5.264	5.005	17
18	5.112	5.204	5.053	5.202	5.188	5.402	5.360	5.281	5.271	5.078	5.178	5.080	18
19	5.104	5.184	5.098	5.232	5.183	5.377	5.351	5.293	5.258	5.038	5.148	5.145	18
20	5.110	5.135	5.103	5.218	5.207	5.408	5.368	5.330	5.252	5.208	5.118	5.183	20
21	5.084	5.139	5.074	5.175	5.213	5.413	5.424	5.282	5.240	5.152	5.053	5.218	21
22	5.084	5.088	5.045	5.180	5.180	5.428	5.426	5.288	5.248	5.105	5.034	5.208	22
23	5.082	5.133	5.037	5.189	5.175	5.426	5.410	5.291	5.261	5.083	5.058	5.188	23
24	5.082	5.188	5.039	5.186	5.188	5.420	5.397	5.284	5.255	5.082	5.070	5.160	24
25	5.032	5.108	5.067	5.181	5.220	5.416	5.388	5.272	5.255	5.078	5.053	5.134	25
26	5.081	5.107	5.058	5.151	5.282	5.425	5.395	5.280	5.226	5.088	4.987	5.170	26
27	5.128	5.087	5.088	5.148	5.273	5.451	5.403	5.278	5.217	5.088	5.005	5.107	27
28	5.109	5.032	5.131	5.132	5.258	5.412	5.388	5.278	5.220	5.088	5.042	5.083	28
29	5.088		5.098	5.151	5.283	5.410	5.381	5.302	5.213	5.083	5.077	5.071	29
30	5.103		5.118	5.183	5.272	5.413	5.378	5.285	5.177	5.080	5.083	5.080	30
31	5.144		5.131		5.307		5.373	5.275		5.100		5.076	31
MEAN	5.133	5.143	5.057	5.183	5.195	5.386	5.385	5.317	5.258	5.117	5.083	5.083	MEAN
MAX	5.315	5.218	5.151	5.255	5.307	5.451	5.425	5.384	5.328	5.209	5.264	5.218	MAX
MIN	5.032	5.032	4.880	5.132	5.131	5.329	5.361	5.264	5.177	5.035	4.897	4.868	MIN

WATER LEVELS IN METRES

MEAN, 5.182
MAXIMUM DAILY, 5.451 ON JUN 27
MINIMUM DAILY, 4.868 ON DEC 5
MAXIMUM INSTANTANEOUS,
5.513 AT 21:44 EST ON JUN 26

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 170.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - DRAINAGE AREA DOES NOT ACCOUNT FOR RUNNING CREEK (NATURAL DIVERSION)

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 35 34 N
LONG 82 23 05 W

A - MANUAL GAUGE

NATURAL FLOW

DRAINAGE AREA,
2 880 km²

SYDENHAM RIVER NEAR ALVINSTON - STATION NO. 02E6002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.39	14.0	1.388	8.74	2.88	2.86	1.43	0.728	0.711	0.881	0.920	4.72	1
2	6.51	11.5	1.328	6.90	2.82	4.30	1.40	0.678	1.04	0.853	0.935	3.71	2
3	4.38	7.78	1.288	5.38	2.40	5.88	1.33	0.820	1.17	0.832	0.845	3.308	3
4	3.71	7.008	1.318	23.0	2.27	4.77	1.24	0.813	0.812	0.818	0.865	3.088	4
5	3.08	4.408	1.808	21.7	2.24	4.12	1.22	0.587	0.748	0.814	0.991	3.158	5
6	3.108	3.808	2.808	15.3	2.28	3.28	1.15	0.808	0.878	0.823	1.07	2.808	6
7	3.308	3.608	4.008	13.0	2.18	4.08	1.11	0.807	0.714	0.804	1.81	2.858	7
8	14.2	3.258	3.308	10.6	2.10	5.73	1.08	0.880	0.783	0.815	4.10	2.408	8
9	22.3	2.858	2.808	8.37	2.11	3.32	0.958	0.581	0.884	0.814	5.14	2.228	9
10	13.2	2.688	2.208	6.48	2.08	2.44	0.831	0.678	1.30	0.708	4.03	2.088	10
11	9.72	2.458	2.088	5.38	2.01	2.13	0.808	0.904	1.13	1.10	3.12	1.858	11
12	7.12	2.308	2.208	5.42	2.00	1.85	0.858	0.810	1.08	1.86	2.38	1.828	12
13	5.88	2.108	2.108	10.5	2.16	1.81	0.788	0.878	0.926	1.56	1.95	1.768	13
14	4.44	1.958	2.858	14.2	2.32	1.92	0.742	0.788	0.782	1.27	1.88	1.678	14
15	3.22	1.808	2.608	11.7	2.30	1.92	0.748	0.778	0.731	1.07	2.87	1.618	15
16	3.08	1.958	2.728	11.1	2.25	1.85	0.727	0.718	0.723	0.834	20.8	1.858	16
17	2.89	2.058	3.008	9.08	2.12	1.80	0.708	0.877	0.830	0.881	19.4	1.818	17
18	2.48	1.858	21.5	13.3	1.92	1.78	0.897	0.822	0.861	0.858	9.11	1.478	18
19	2.68	1.708	28.5	11.3	1.76	1.78	0.870	0.888	0.916	0.898	5.84	1.458	19
20	2.758	1.658	19.2	8.83	1.72	2.34	0.705	0.885	0.888	1.08	4.41	1.438	20
21	2.808	1.608	14.4	8.84	1.81	8.85	0.744	0.891	0.808	1.25	3.80 B	1.408	21
22	2.508	1.858	11.9	6.27	1.74	4.84	0.810	0.818	0.778	1.32	3.50 B	1.388	22
23	2.858	1.608	8.37	4.31	1.81	3.13	0.888	0.717	0.788	1.33	3.20 B	1.388	23
24	2.758	1.528	7.06	3.85	1.82	2.86	1.24	0.702	1.82	1.26	3.00 B	1.358	24
25	3.47	1.488	8.80	3.28	1.71	2.81	1.48	0.828	1.80	1.18	2.80 B	1.348	25
26	7.47	1.448	11.8	3.08	3.23	2.71	3.80	0.852	1.10	1.15	3.42	1.338	26
27	14.9	1.508	12.2	2.96	8.78	2.80	2.84	0.806	0.884	1.10	6.06	1.328	27
28	9.13	1.438	14.8	2.81	5.88	2.38	1.74	0.584	0.788	1.02	10.0	1.378	28
29	7.80		19.0	2.88	4.84	1.88	1.43	0.617	0.738	0.858	10.1	1.428	29
30	13.5		14.2	2.83	3.17	1.58	1.10	0.880	0.697	0.973	5.81	1.488	30
31	12.8		10.9		2.90		0.848	0.824		0.988		1.788	31
TOTAL	205.82	92.85	244.14	280.80	78.58	93.58	35.737	20.128	27.781	30.137	143.878	61.85	TOTAL
MEAN	6.63	3.32	7.88	8.70	2.53	3.12	1.15	0.848	0.825	0.972	4.80	2.00	MEAN
MAX	22.3	14.0	28.5	23.0	8.78	8.85	3.80	0.904	1.82	1.56	20.8	4.72	MAX
MIN	2.48	1.43	1.28	2.83	1.81	1.58	0.670	0.578	0.678	0.804	0.830	1.32	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.55
MAXIMUM DAILY, 28.5 ON MAR 19
MINIMUM DAILY, 0.578 ON AUG 10
MAXIMUM INSTANTANEOUS,
34.5 AT 21:37 EST ON MAR 18

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 49 48 N
LONG 81 51 05 W
DRAINAGE AREA, 730 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	17 800	JUL	3 080
FEB	8 020	AUG	1 740
MAR	21 100	SEP	2 400
APR	22 500	OCT	2 800
MAY	6 780	NOV	12 400
JUN	8 080	DEC	5 340

TOTAL DISCHARGE, 112 000 dam³

SYDENHAM RIVER NEAR OWEN SOUND - STATION NO. 02FB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.13	5.288	2.128	16.6	2.24	1.78	1.46	0.516	0.552	0.388	0.440	4.308	1
2	5.33	5.338	2.148	13.6	2.16	1.77	1.37	0.510	0.513	0.388	0.477	3.128	2
3	4.658	5.708	2.188	11.9	2.15	1.74	1.29	0.512	0.552	0.388	0.523	2.258	3
4	4.398	4.748	2.228	11.3	2.08	1.88	1.24	0.543	0.516	0.380	0.509	2.078	4
5	4.228	3.508	2.288	10.9	2.13	1.77	1.19	0.888	0.487	0.387	0.534	1.808	5
6	4.088	3.318	2.338	10.1	2.47	1.61	1.17	0.809	0.442	0.411	0.731	1.758	6
7	3.87	2.948	2.448	9.36	2.48	1.48	1.17	0.570	0.436	0.424	0.788	1.848	7
8	5.67	2.818	2.308	8.53	3.58	1.40	1.12	0.548	0.412	0.455	0.732	1.60	8
9	7.41	2.718	2.188	7.80	4.28	1.38	1.07	0.548	0.428	0.448	0.852	1.51	9
10	9.32	2.708	2.128	9.73	3.97	3.52	1.04	0.521	0.388	0.480	0.843	1.48	10
11	8.478	2.688	2.118	6.21	3.25	4.38	1.00	0.538	0.417	0.595	0.713	1.43	11
12	7.588	2.748	2.088	5.88	3.81	4.20	0.981	0.516	0.410	0.611	0.711	1.388	12
13	8.00	2.748	2.068	5.97	4.70	3.12	0.933	0.498	0.409	0.527	0.884	1.358	13
14	7.62	2.60	2.068	5.86	4.82	2.28	0.914	0.625	0.414	0.519	0.845	1.238	14
15	6.74	2.78	5.57	5.84	4.40	1.98	0.887	0.528	0.391	0.713	0.901	1.218	15
16	5.92	2.698	10.6	5.70	3.88	1.95	0.847	0.530	0.380	0.815	1.81	1.208	16
17	5.38	2.588	9.858	5.37	3.25	1.96	0.818	0.475	0.427	0.745	1.61	1.198	17
18	4.87	2.308	8.418	5.08	2.78	1.92	0.788	0.431	0.402	0.767	1.40	1.188	18
19	4.628	2.288	8.698	4.65	2.47	2.08	0.777	0.438	0.376	0.888	1.28	1.248	19
20	4.498	2.21	7.918	4.30	2.38	8.47	0.784	0.450	0.358	0.847	1.89	1.228	20
21	4.188	2.18	6.678	3.81	2.82	5.86	0.748	0.511	0.387	0.810	2.15	1.218	21
22	4.008	2.228	6.088	3.48	2.74	5.00	0.722	0.487	0.402	0.588	1.69 B	1.208	22
23	3.84	2.188	5.218	3.30	2.38	4.30	0.885	0.478	0.445	0.568	1.61 B	1.188	23
24	3.72	2.148	5.21	3.20	2.13	3.83	0.880	0.482	0.470	0.521	1.42 B	1.168	24
25	3.55	2.118	5.18	2.89	1.99	2.94	0.888	0.418	0.441	0.505	1.34	1.178	25
26	3.39	2.048	5.80	2.75	2.08	2.37	0.831	0.398	0.428	0.484	1.32	1.248	26
27	3.93	2.08	14.5	2.68	2.13	2.06	0.886	0.388	0.412	0.503	1.43	1.228	27
28	3.98	2.078	32.5	2.48	1.94	1.82	0.888	0.381	0.410	0.508	3.91	1.218	28
29	3.94		37.2	2.35	1.78	1.66	0.848	0.428	0.382	0.473	4.88 B	1.288	29
30	4.88		29.4	2.38	1.88	1.88	0.880	0.488	0.381	0.453	5.21 B	1.858	30
31	8.21		21.4		1.72		0.832	0.437		0.448		3.488	31
TOTAL	183.98	85.82	253.28	190.93	88.41	78.82	27.733	15.419	12.988	18.444	61.881	80.38	TOTAL
MEAN	5.29	3.07	8.17	6.36	2.78	2.62	0.895	0.497	0.432	0.530	1.38	1.62	MEAN
MAX	9.32	8.28	37.2	16.6	4.82	8.68	1.46	0.888	0.813	0.815	5.21	4.30	MAX
MIN	3.39	2.04	2.08	2.35	1.88	1.38	0.832	0.388	0.358	0.380	0.440	1.17	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.80
MAXIMUM DAILY, 37.2 ON MAR 29
MINIMUM DAILY, 0.358 ON SEP 30
MAXIMUM INSTANTANEOUS,
39.0 AT 00:55 EST ON MAR 29

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 31 31 N
LONG 80 55 51 W
DRAINAGE AREA, 181 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	14 200	JUL	2 400
FEB	7 410	AUG	1 330
MAR	21 800	SEP	1 120
APR	18 500	OCT	1 420
MAY	7 470	NOV	3 800
JUN	8 780	DEC	4 350

TOTAL DISCHARGE, 88 500 dam³

TEESWATER RIVER NEAR PAISLEY - STATION NO. 02FC015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.8 B	21.0 B	3.548	56.2	6.28	5.85	3.71	1.32	1.33	0.885	1.27	8.508	1
2	15.0 B	18.0 B	3.488	47.3	5.89	5.75	3.43	1.18	1.11	1.08	1.32	6.208	2
3	13.4 B	15.5 B	3.448	40.0	5.63	5.67	3.16	1.43	1.27	0.918	1.38	7.208	3
4	11.8 B	12.5 B	3.508	34.7	5.55	5.63	2.86	1.38	1.18	1.01	1.55	8.608	4
5	11.2 B	11.0 B	3.808	30.1	5.48	5.58	2.78	1.81	1.26	0.830	1.70	8.008	5
6	10.4 B	9.808	4.108	28.5	5.98	5.18	2.88	2.87	1.13	0.848	1.81	5.808	6
7	9.808	8.608	3.908	23.2	5.88	4.48	2.38	2.04	1.08	0.881	2.03	5.208	7
8	11.0 B	7.208	3.688	20.3	5.59	3.82	2.28	2.02	0.818	1.06	2.08	4.958	8
9	15.0 B	6.408	3.758	18.5	5.85	3.58	2.23	1.88	0.808	1.07	2.26	4.808	9
10	22.4 B	5.808	3.858	16.8	6.65	7.34	2.23	1.58	1.07	1.43	2.28	4.808	10
11	20.0 B	5.408	3.588	15.3	8.13	8.59	2.01	1.62	1.80	1.33	2.24	4.308	11
12	16.4 B	5.108	3.808	14.8	8.07	7.38	1.82	1.25	1.84	1.84	2.24	4.158	12
13	15.3 B	5.008	4.408	15.8	7.06	6.83	1.86	1.44	1.25	1.74	2.32	4.028	13
14	13.5 B	4.688	5.808	18.5	7.83	4.88	1.87	1.52	1.08	1.88	2.07	3.838	14
15	12.0 B	5.828	33.0 B	17.7	7.70	4.28	1.84	1.28	1.01	2.08	2.42	3.818	15
16	11.0 B	6.418	28.0 B	18.8	7.27	4.87	1.76	1.30	0.874	2.05	4.47	3.888	16
17	10.0 B	5.208	25.0 B	18.2	6.84	4.80	1.88	1.48	1.11	1.78	5.72	3.848	17
18	9.208	4.868	22.0 B	16.5	6.35	7.88	1.85	1.41	1.81	1.80	6.83	3.478	18
19	8.808	4.808	20.0 B	14.2	5.88	7.83	1.48	0.888	1.38	1.44	4.98	3.428	19
20	8.008	4.858	18.0 B	13.0	5.28	7.88	1.83	1.20	1.11	1.87	7.28	3.388	20
21	8.808	4.488	16.0 B	11.7	8.01	8.11	1.52	1.38	1.10	1.52	8.878	3.328	21
22	8.208	4.368	15.0 B	10.7	8.88	7.74	1.46	1.18	1.07	1.70	7.878	3.248	22
23	8.008	4.118	14.4 B	9.88	8.00	8.22	1.88	1.28	0.825	1.78	7.038	3.238	23
24	7.808	3.958	14.5 B	9.08	8.28	9.82	1.48	1.86	0.884	1.88	8.028	3.208	24
25	7.808	3.878	23.0 B	8.43	4.87	8.33	1.42	1.08	1.18	1.48	8.88	3.188	25
26	7.808	3.738	38.0 B	7.88	5.71	7.83	1.47	0.833	1.12	1.80	4.81	3.308	26
27	8.008	3.888	64.0 B	7.50	6.10	8.48	1.48	1.08	0.803	1.37	4.03	3.288	27
28	8.808	3.818	71.8	7.11	6.18	6.53	1.43	1.18	0.880	1.18	21.2	3.248	28
29	9.408		77.8	8.76	7.18	4.78	1.15	1.28	0.831	1.28	13.7 B	3.278	29
30	12.5 B		67.8	8.46	8.01	4.18	1.44	1.82	0.721	1.44	12.7 B	3.318	30
31	16.0 B		54.0		8.42		1.82	1.38		1.28		3.878	31
TOTAL	384.80	198.47	657.88	554.91	198.08	191.11	61.63	44.361	33.493	43.693	161.20	136.32	TOTAL
MEAN	11.8	7.09	21.2	18.5	6.33	6.37	1.98	1.43	1.12	1.41	5.04	4.40	MEAN
MAX	22.4	21.0	77.8	56.2	8.15	8.82	3.71	2.87	1.84	2.08	21.2	8.50	MAX
MIN	7.80	3.81	3.44	8.46	4.87	3.68	1.15	0.833	0.721	0.830	1.27	3.18	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.32
MAXIMUM DAILY, 77.8 ON MAR 29
MINIMUM DAILY, 0.721 ON SEP 30
MAXIMUM INSTANTANEOUS,
99.5 AT 23:10 EST ON MAR 28

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 18 07 N
LONG 81 15 09 W
DRAINAGE AREA, 883 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	31 800	JUL	5 320
FEB	17 100	AUG	3 830
MAR	56 800	SEP	2 880
APR	47 900	OCT	3 770
MAY	16 900	NOV	13 100
JUN	16 500	DEC	11 800

TOTAL DISCHARGE, 327 000 dam³

TEMAGAMI LAKE AT TEMAGAMI - STATION NO. 02DC010

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	283.850	283.820	283.320	283.180	283.440	283.910	283.950	283.780	283.800	283.480	283.410	283.400	1
2	283.840	283.810	283.310	283.180	283.450	283.910	283.940	283.780	283.800	283.450	283.380	283.400	2
3	283.840	283.800	283.300	283.170	283.470	283.910	283.900	283.780	283.800	283.480	283.380	283.400	3
4	283.840	283.590	283.290	283.170	283.480	283.900	283.900	283.780	283.580	283.480	283.400	283.400	4
5	283.830	283.540	283.280	283.180	283.520	283.900	283.930	283.780	283.580	283.440	283.400	283.400	5
6	283.820	283.570	283.280	283.180	283.540	283.900	283.930	283.740	283.580	283.480	283.400	283.400	6
7	283.820	283.560	283.270	283.180	283.560	283.900	283.900	283.730	283.580	283.440	283.390	283.390	7
8	283.830	283.550	283.280	283.180	283.580	283.900	283.900	283.710	283.560	283.430	283.380	283.390	8
9	283.840	283.540	283.280	283.180	283.620	283.900	283.890	283.710	283.590	283.430	283.380	283.380	9
10	283.840	283.530	283.240	283.180	283.620	283.920	283.890	283.700	283.580	283.420	283.400	283.380	10
11	283.840	283.520	283.240	283.180	283.630	283.930	283.900	283.880	283.580	283.410	283.400	283.380	11
12	283.830	283.510	283.250	283.180	283.680	283.940	283.880	283.880	283.580	283.430	283.400	283.380	12
13	283.830	283.500	283.250	283.180	283.680	283.940	283.870	283.880	283.580	283.440	283.390	283.380	13
14	283.820	283.480	283.240	283.190	283.690	283.940	283.870	283.870	283.570	283.430	283.390	283.380	14
15	283.810	283.460	283.260	283.190	283.710	283.950	283.880	283.860	283.570	283.420	283.370	283.400	15
16	283.800	283.460	283.280	283.180	283.720	283.950	283.850	283.680	283.580	283.420	283.400	283.400	16
17	283.800	283.450	283.240	283.180	283.730	283.950	283.840	283.650	283.550	283.410	283.430	283.380	17
18	283.810	283.440	283.240	283.200	283.750	283.880	283.840	283.680	283.550	283.380	283.430	283.380	18
19	283.800	283.430	283.230	283.210	283.760	283.880	283.820	283.680	283.550	283.400	283.430	283.390	19
20	283.810	283.420	283.230	283.230	283.780	283.880	283.820	283.880	283.550	283.390	283.430	283.400	20
21	283.810	283.410	283.220	283.280	283.800	283.870	283.810	283.650	283.520	283.400	283.430	283.380	21
22	283.810	283.380	283.210	283.260	283.810	283.880	283.810	283.620	283.540	283.400	283.410	283.380	22
23	283.800	283.380	283.210	283.270	283.830	283.880	283.800	283.640	283.530	283.400	283.400	283.380	23
24	283.700	283.380	283.200	283.280	283.850	283.880	283.800	283.630	283.520	283.400	283.400	283.380	24
25	283.740	283.370	283.200	283.300	283.880	283.870	283.800	283.620	283.510	283.400	283.400	283.380	25
26	283.700	283.360	283.180	283.330	283.880	283.870	283.780	283.620	283.510	283.400	283.380	283.380	26
27	283.700	283.340	283.180	283.340	283.880	283.880	283.780	283.620	283.510	283.400	283.380	283.380	27
28	283.690	283.380	283.180	283.380	283.880	283.880	283.770	283.610	283.510	283.380	283.430	283.380	28
29	283.670		283.180	283.380	283.880	283.880	283.780	283.610	283.480	283.380	283.400	283.380	29
30	283.650		283.180	283.410	283.880	283.880	283.780	283.620	283.470	283.380	283.410	283.400	30
31	283.650		283.180		283.900		283.780	283.800		283.380		283.400	31
MEAN	283.788	283.480	283.228	283.228	283.708	283.843	283.850	283.676	283.564	283.418	283.402	283.383	MEAN
MAX	283.850	283.820	283.320	283.410	283.900	283.950	283.950	283.780	283.800	283.480	283.430	283.400	MAX
MIN	283.650	283.340	283.180	283.170	283.440	283.900	283.780	283.800	283.470	283.380	283.370	283.380	MIN

WATER LEVELS IN METRES

MEAN, 283.557
MAXIMUM DAILY, 283.950 ON JUN 19
MINIMUM DAILY, 283.170 ON APR 3

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 47 03 48 N
LONG 79 47 44 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
APPLY -000.078 m ADJUSTMENT TO CONVERT TO TEMISKAMING AND NORTHERN ONTARIO RAILWAY DATUM

TEMAGAMI RIVER AT CROSS LAKE DAM - STATION NO. 02DC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.4	40.1	31.3	24.1	4.80	26.9	22.1	15.0	11.8	8.00	7.70	8.40	1
2	24.9	38.4	30.8	23.7	4.80	26.9	21.3	15.0	11.8	8.80	7.70	8.10	2
3	25.4	38.4	30.3	23.7	4.80	26.4	21.3	15.0	11.8	8.00	7.70	8.40	3
4	25.4	49.8	29.4	23.7	4.80	26.9	21.3	13.0	11.3	8.80	7.70	8.40	4
5	45.3	48.0	28.4	24.1	4.80	26.9	21.3	21.3	11.8	8.80	7.50	8.40	5
6	42.4	47.7	28.4	24.5	5.10	26.4	21.3	20.9	11.0	8.80	7.50	8.10	6
7	40.1	51.5	28.9	12.3	4.80	26.4	20.8	20.5	11.0	8.80	7.70	8.40	7
8	39.0	49.5	28.4	3.10	4.80	26.4	20.5	19.8	11.0	8.80	7.70	8.40	8
9	39.0	47.7	28.0	2.80	5.00	18.4	20.5	18.1	11.0	8.80	7.70	8.40	9
10	38.4	47.7	28.0	2.70	5.30	21.3	20.2	18.7	11.3	8.40	7.70	8.10	10
11	38.4	44.1	27.5	3.00	5.40	23.3	20.5	18.4	11.3	8.40	7.70	8.10	11
12	37.4	42.4	27.5	3.20	5.80	23.3	20.2	18.4	11.3	8.10	7.70	8.10	12
13	37.4	41.8	28.7	3.80	5.80	23.3	20.2	18.4	11.3	8.40	7.90	8.10	13
14	38.3	41.2	28.7	3.80	5.80	22.9	19.8	18.0	11.0	8.40	7.90	8.10	14
15	38.3	40.1	28.7	3.70	6.10	22.9	19.1	17.7	11.0	8.10	7.90	8.10	15
16	35.8	39.0	26.7	3.90	5.30	22.9	18.7	18.4	10.8	8.10	8.10	8.10	16
17	35.8	38.4	26.2	4.20	5.70	22.9	18.4	18.4	10.8	8.40	8.30E	8.10	17
18	35.3	37.4	26.2	4.30	5.70	22.9	18.4	17.7	10.8	8.10	8.40	8.10	18
19	35.3	36.8	25.4	4.30	5.80	23.3	18.4	17.0	10.8	7.90	8.40	8.10	19
20	34.7	36.3	25.4	4.60	5.90	23.3	18.0	17.0	10.5	7.90	8.40	7.90	20
21	38.0	35.8	24.9	4.80	7.30	23.3	18.0	16.8	10.2	8.10	8.80	7.90	21
22	39.0	35.3	24.5	4.80	7.90	23.3	17.0	16.6	10.2	8.10	8.80	7.90	22
23	38.4	---	24.5	4.80	8.40	23.7	17.0	10.8	10.2	8.10	8.40	7.90	23
24	47.1	33.7	24.1	4.80	8.80	23.7	17.0	12.6	10.2	7.90	8.10	7.90	24
25	44.7	33.2	24.1	4.80	8.80	23.7	16.6	12.4	9.80	7.90	8.10	7.90	25
26	42.4	32.2	23.7	4.80	14.2	23.7	16.6	12.4	9.10	7.90	8.10	8.10	26
27	42.4	32.2	23.7	4.80	30.8	22.9	16.0	12.1	8.80	7.90	8.10	8.10	27
28	41.2	31.7	24.5	4.80	28.4	23.3	16.6	12.1	9.00	7.90	8.10	8.10	28
29	40.7		24.5	4.80	28.4	22.5	16.0	12.1	9.00	7.90	8.40	7.90	29
30	40.1		24.1	4.80	28.4	22.5	15.7	11.8	9.00	7.90	8.10	7.90	30
31	38.0		24.1		26.4		15.3	11.8		7.70		7.90	31
TOTAL	1 182.0	---	825.8	250.40	311.80	732.5	584.2	499.0	315.90	256.70	240.10	251.40	TOTAL
MEAN	37.5	---	26.6	8.35	10.1	24.4	18.8	16.1	10.5	8.28	8.00	8.11	MEAN
MAX	47.1	---	31.3	24.5	30.8	26.9	22.1	21.3	11.8	8.80	8.80	8.40	MAX
MIN	24.9	---	23.7	2.80	4.80	18.4	15.3	10.8	8.10	7.70	7.50	7.90	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 51.3 ON FEB 7
MINIMUM DAILY, 2.60 ON APR 9

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 46 41 N
LONG 79 56 43 W
DRAINAGE AREA, 1 360 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	100 000	JUL	80 600
FEB	---	AUG	43 100
MAR	71 300	SEP	27 300
APR	21 600	OCT	23 200
MAY	28 000	NOV	30 700
JUN	83 300	DEC	21 700

TEMAGAMI RIVER AT RED CEDAR LAKE DAM - STATION NO. 02DC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	33.8	44.7	45.4	36.2	0.200	59.8	19.9	19.5	11.2	11.8	9.90	18.1	1
2	33.8	48.4	43.8	38.3	1.00	59.2	20.4	19.0	11.2	11.4	9.90	18.1	2
3	33.8	53.8	46.4	37.3	2.00	58.5	21.3	19.0	11.0	11.2	9.90	18.1	3
4	37.1	52.2	50.1	37.8	3.70	58.2	21.9	18.4	11.0	10.7	9.70	18.1	4
5	45.9	52.2	48.2	40.1	5.40	57.5	22.5	18.2	10.8	10.8	9.70	18.1	5
6	52.0	51.8	45.8	41.8	7.50	56.5	23.1	18.4	10.8	10.5	9.70	18.1	6
7	51.4	51.8	44.3	24.0	9.70	55.5	23.8	18.4	10.8	10.5	9.70	18.1	7
8	51.1	51.5	42.5	12.0	11.8	54.8	23.4	18.2	5.30	10.3	9.90	18.1	8
9	51.1	51.5	40.1	13.3	13.8	37.5	24.1	18.2	0	10.3	10.3	18.1	9
10	50.4	51.2	38.6	14.1	16.0	26.4	24.1	18.2	0	10.1	10.5	18.1	10
11	50.1	50.9	38.7	16.2	18.2	28.8	25.0	18.2	0	5.30	10.7	18.0	11
12	49.5	50.2	37.8	16.0	20.4	31.0	25.0	16.2	0	3.40	10.7	22.7	12
13	48.8	49.8	36.8	16.8	22.3	33.2	24.7	16.2	0	7.70	11.0	23.4	13
14	48.2	49.0	44.5	17.4	24.8	52.1	27.5	17.9	0	10.7	11.2	22.0	14
15	47.5	48.0	42.9	18.1	26.4	84.1	32.5	17.9	9.40	10.5	11.2	21.5	15
16	48.9	47.4	45.8	18.7	28.2	83.4	31.0	18.4	17.5	10.5	11.8	21.3	16
17	48.3	46.7	48.5	19.8	29.6	83.1	30.1	18.4	17.3	10.5	11.8	20.8	17
18	48.8	45.8	54.5	21.4	36.5	82.7	26.8	18.1	16.9	10.3	12.2	24.4	18
19	48.3	44.8	47.9	22.9	40.5	82.4	28.1	18.1	16.1	10.3	12.5	28.1	19
20	44.7	44.2	42.8	24.2	40.5	82.1	26.5	18.1	15.4	10.1	13.1	28.8	20
21	44.4	52.5	38.8	25.7	40.5	81.4	27.8	17.8	14.9	9.90	13.8	25.8	21
22	44.4	51.2	38.8	27.3	40.8	80.4	28.7	13.3	14.7	9.80	14.0	24.7	22
23	44.1	50.2	45.0	28.2	41.1	59.7	25.7	11.2	14.2	9.90	14.2	23.4	23
24	44.1	55.5	38.9	29.1	41.4	59.1	24.2	11.4	13.8	9.90	14.7	22.5	24
25	44.4	53.2	37.4	30.2	41.4	58.1	23.6	11.2	13.3	9.80	14.7	21.9	25
26	44.7	50.9	36.0	15.5	52.5	48.6	22.7	11.2	12.9	9.90	14.8	21.3	26
27	45.0	48.9	31.7	0	51.2	37.7	22.3	11.2	12.9	9.90	14.8	20.7	27
28	45.0	47.0	47.5	0	51.2	36.0	22.0	11.2	12.2	9.90	15.4	20.1	28
29	45.0		51.2	0	50.9	37.7	20.9	11.2	12.0	9.80	15.8	19.8	29
30	44.7		43.8	0	50.9	25.8	20.4	11.0	11.8	9.80	15.8	19.0	30
31	44.7		52.3		50.2		20.1	11.0		9.80		18.8	31
TOTAL	1 403.8	1 412.5	1 345.7	639.8	820.300	1 531.4	782.9	498.5	307.10	306.30	383.00	627.0	TOTAL
MEAN	45.3	50.4	43.4	21.3	29.7	51.0	24.8	16.1	10.2	9.88	12.1	20.2	MEAN
MAX	52.0	53.8	54.5	41.8	51.2	84.1	32.5	19.8	17.5	11.8	15.8	28.1	MAX
MIN	33.8	44.2	31.7	0	0.200	25.8	19.9	11.0	0	3.40	9.70	18.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.7
MAXIMUM DAILY, 84.1 ON JUN 15
MINIMUM DAILY, 0 ON APR 27

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 40 48 N
LONG 79 58 42 W
DRAINAGE AREA, 2 360 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	121 000	JUL	85 800
FEB	122 000	AUG	43 100
MAR	116 000	SEP	28 500
APR	85 300	OCT	28 500
MAY	79 500	NOV	31 400
JUN	132 000	DEC	54 200

TOTAL DISCHARGE, 873 000 dam³

THAMES RIVER AT BYRON - STATION NO. 02EE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	56.7	78.8	14.1	82.5	18.9	27.4	10.1	8.27	8.15A	8.19	13.7	32.4	1
2	38.1	78.0	13.5	86.3	18.4	30.5	9.88	8.22	8.11A	8.43	9.16	23.5	2
3	30.8	83.3	13.8	76.1	18.0	34.0	9.48	8.32	8.80A	8.48	8.86	21.7	3
4	31.1	85.3	14.6	114	17.2	38.2	9.38	8.28	8.86A	8.52	7.93	19.8	4
5	19.8	37.1	17.7	127	17.5	26.4	8.77	8.88	8.84A	8.18	7.84	18.7	5
6	20.1	31.8	14.7	110	16.8	18.5	8.46	8.32	8.93A	8.82	10.8	18.3	6
7	20.8	24.5	11.5	88.0	17.5	16.8	8.02	8.00	8.18A	7.95	16.7	18.1	7
8	82.4	16.3	12.0	83.5	14.8	15.3	7.28	8.01	8.86A	7.98	14.2	16.8	8
9	108	16.7	12.5	86.5	14.4	13.0	8.95	8.02	8.63A	7.95	14.3	16.1	9
10	83.5	17.1	14.0	87.7	14.0	14.5	8.41	8.87	8.21A	15.7	13.9	15.9	10
11	58.6	17.7	19.5	39.0	13.9	14.4	8.53	8.04	8.00A	8.84	13.8	16.1	11
12	39.3	17.2	29.6	41.0	15.7	16.9	8.32	8.15	8.48A	8.58	12.8	12.5	12
13	36.4	16.7	22.4	56.4	17.3	16.1	8.38	8.63	8.86A	8.09	12.3	12.1	13
14	36.4	16.9	18.5	87.0	19.4	12.4	8.48	8.12	8.89A	7.75	11.7	8.44	14
15	33.8	21.5	34.1	85.9	16.9	10.4	8.27	8.74	7.33A	7.37	10.9	8.76	15
16	28.5	20.6	70.4	111	14.8	10.8	8.57	7.46	8.87A	8.17	48.8	8.38	16
17	23.4	17.4	50.7	77.4	13.6	12.3	8.41	8.38	7.47A	8.28	89.6	8.78	17
18	23.1	16.1	71.5	88.8	11.8	13.7	8.33	7.88	7.38A	8.91	38.5	8.88	18
19	23.5	14.8	88.5	81.8	11.9	15.0	8.33	8.44	7.06A	8.55	34.0	8.88	19
20	23.8	14.8	67.6	47.9	14.0	19.1	8.12	8.00	8.77A	9.23	30.5	8.72	20
21	20.9	14.5	53.8	42.8	14.1	22.0	8.78	8.27A	8.87	10.8	31.9	8.14	21
22	20.2	14.5	43.8	34.9	13.8	28.6	8.27	7.80A	7.33	10.4	36.1	8.02	22
23	20.3	14.8	35.8	31.1	14.4	31.0	8.76	7.08A	8.61	11.7	33.5	8.26	23
24	19.7	14.4	46.5	28.8	14.4	27.3	7.24	8.52A	7.58	8.84	30.0	7.85	24
25	20.5	14.3	71.0	21.8	15.5	21.5	10.0	8.32A	8.86	8.78	19.8	7.71	25
26	38.3	14.7	85.4	20.8	24.5	22.6	7.82	8.08A	8.85	8.81	18.5	7.77	26
27	85.4	14.8	98.7	20.2	17.8	18.2	8.08	8.81A	8.87	10.4	18.8	7.80	27
28	44.0	14.6	118	19.6	18.1	15.7	7.88	8.78A	8.58	8.81	27.8	7.79	28
29	41.2		187	19.3	17.7	15.3	7.11	8.74A	8.60	11.9	44.2	7.84	29
30	82.8		203	20.0	14.8	10.8	8.84	8.88A	8.32	15.2	41.8	7.56	30
31	78.3		190		18.7		8.22	8.72A		10.4		11.4	31
TOTAL	1 206.5	703.7	1 703.3	1 752.8	501.3	630.7	230.56	189.38	207.00	280.40	703.28	390.83	TOTAL
MEAN	38.9	25.1	54.9	58.4	16.2	21.0	7.44	8.43	8.80	9.05	23.4	12.8	MEAN
MAX	108	78.8	203	127	24.5	54.0	10.1	8.36	8.51	15.7	89.6	32.4	MAX
MIN	19.6	14.3	11.5	19.3	11.8	10.4	8.32	8.72	8.84	8.81	7.84	7.84	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.3
MAXIMUM DAILY, 203 ON MAR 30
MINIMUM DAILY, 8.32 ON JUL 18
MAXIMUM INSTANTANEOUS,
225 AT 19:23 EST ON MAR 29

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 57 47 N
LONG 81 19 55 W
DRAINAGE AREA, 3 110 km²
A - MANUAL GAUGE

REGULATED SINCE 1983

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	104 000	JUL	18 800
FEB	60 800	AUG	17 200
MAR	147 000	SEP	17 800
APR	151 000	OCT	24 200
MAY	43 300	NOV	60 800
JUN	54 500	DEC	33 800

TOTAL DISCHARGE, 724 000 dam³

THAMES RIVER AT CHATHAM - STATION NO. 02GE004

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.838	1.585	1.236	2.148	1.438	1.683	1.892	1.645	1.556	1.388	1.333	1.282	1
2	1.888	1.575	1.233	1.786	1.481	1.743	1.876	1.655	1.556	1.482	1.338	1.370	2
3	1.532	1.589	1.256	1.632	1.448	1.813	1.682	1.634	1.531	1.491	1.328	1.436	3
4	1.464	1.487	1.335	1.767	1.402	1.886	1.884	1.638	1.495	1.488	1.263	1.317	4
5	1.404	1.484A	1.395	1.821	1.424	1.780	1.871	1.636	1.615	1.421	1.242	1.230	5
6	1.403	---	1.373	1.986	1.442	1.670	1.887	1.889	1.518	1.462	1.220	1.288	6
7	1.397	---	1.361	1.904	1.538	1.643	1.872	1.872	1.511	1.481	1.263	1.257	7
8	1.554	---	1.336	1.783	1.457	1.612	1.859	1.817	1.531	1.412	1.288	1.238	8
9	1.527	---	1.306	1.722	1.426	1.605	1.853	1.583	1.538	1.382	1.386	1.229	9
10	1.882	---	1.294	1.873	1.467	1.672	1.879	1.582	1.587	1.378	1.369	1.244	10
11	1.798	---	1.288	1.815	1.518	1.806	1.863	1.577	1.540	1.348	1.326	1.263	11
12	1.768	---	1.287	1.692	1.480	1.578	1.858	1.576	1.538	1.344	1.284	1.269	12
13	1.614	---	1.278	1.500	1.430	1.630	1.880	1.577	1.539	1.334	1.282	1.261	13
14	1.487	---	1.295	1.484	1.474	1.632	1.868	1.863	1.542	1.331	1.278	1.243	14
15	1.478	---	1.410	1.570	1.478	1.630	1.848	1.880	1.538	1.323	1.304	1.247	15
16	1.480	---	1.348	1.629	1.478	1.686	1.844	1.880	1.573	1.348	1.678	1.252	16
17	1.437	---	1.389	1.798	1.473	1.682	1.842	1.578	1.595	1.381	1.533	1.264	17
18	1.430	---	1.534	1.831	1.448	1.672	1.830	1.841	1.640	1.391	1.611	1.269	18
19	1.398	---	1.580	1.737	1.445	1.680	1.819	1.848	1.628	1.348	1.480	1.339	19
20	1.428	---	1.601	1.881	1.471	1.662	1.872	1.845	1.498	1.378	1.613	1.368	20
21	1.380	---	1.588	1.578	1.500	1.828	1.710	1.854	1.478	1.415	1.488	1.390	21
22	1.342	1.403A	1.434	1.538	1.480	1.782	1.709	1.565	1.515	1.368	1.331	1.393	22
23	1.332	1.412	1.352	1.495	1.438	1.748	1.688	1.590	1.705	1.318	1.382	1.381	23
24	1.338	1.381	1.333	1.467	1.435	1.758	1.671	1.572	1.494	1.322	1.337	1.372	24
25	1.310	1.324	1.358	1.438	1.480	1.790	1.655	1.538	1.472	1.318	1.284	1.365	25
26	1.385	1.314	1.412	1.444	1.691	1.758	1.685	1.548	1.541	1.315	1.247	1.372	26
27	1.430	1.282	1.530	1.435	1.742	1.759	1.687	1.560	1.483	1.311	1.195	1.348	27
28	1.488	1.251	1.648	1.410	1.647	1.851	1.724	1.533	1.444	1.313	1.372	1.321	28
29	1.470		1.731	1.420	1.508	1.752	1.668	1.562	1.448	1.308	1.328	1.308	29
30	1.436		1.921	1.435	1.627	1.710	1.642	1.575	1.409	1.298	1.328	1.289	30
31	1.483		2.178		1.588		1.648	1.528		1.351		1.302	31
MEAN	1.490	---	1.440	1.839	1.488	1.716	1.687	1.584	1.524	1.370	1.358	1.303	MEAN
MAX	1.838	---	2.178	2.148	1.742	1.888	1.724	1.673	1.705	1.491	1.678	1.436	MAX
MIN	1.310	---	1.233	1.410	1.402	1.578	1.618	1.528	1.409	1.288	1.195	1.217	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 2.178 ON MAR 31
MINIMUM DAILY, 1.195 ON NOV 27
MAXIMUM INSTANTANEOUS,
2.248 AT 22:16 EST ON MAR 31

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 173.736 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 26 51 N
LONG 82 10 42 W

A - MANUAL GAUGE

REGULATED

DRAINAGE AREA,
4 610 km²

THAMES RIVER AT INGERSOLL - STATION NO. 02GD018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.58	10.1	1.728	11.4	2.58	2.21	3.77	1.13 E	2.18A	1.53E	1.80E	3.28B	1
2	5.48	8.84	1.718	8.84	2.54	3.39	3.81	1.10 E	1.84A	1.87	1.57E	3.06B	2
3	4.60B	5.60B	1.708	11.8	2.46	4.22	3.88	1.09 E	1.72E	1.61E	1.85E	2.50B	3
4	3.60B	4.40B	1.80B	14.0	2.11	4.48	3.84	1.77 A	1.64E	1.64A	1.63E	2.20B	4
5	3.20B	3.20B	2.30B	11.8	2.20	4.11	3.38	1.41 A	1.56E	1.62A	1.63E	1.97B	5
6	3.00B	2.70B	2.20B	11.4	2.12	4.08	2.40	1.24 E	1.78A	1.64A	2.07	1.80B	6
7	5.00B	2.50B	2.10B	10.5	1.89	4.25	1.73	1.16 E	1.84A	1.64E	2.44	1.70B	7
8	8.00B	2.40B	2.05B	7.53	2.08	3.86	1.71	1.07 E	1.88A	1.81E	2.67	1.60B	8
9	12.0 B	2.30B	2.00B	5.85	1.86	2.66	1.77	1.00 A	1.83E	1.55E	2.80	1.54B	9
10	8.00B	2.20B	3.45B	5.46	1.87	2.59	5.05	0.980E	1.78E	2.18A	2.81	1.48B	10
11	6.30B	2.10B	4.86	6.23	2.07	2.40	1.85	0.970E	1.75E	2.18	2.19	1.43B	11
12	6.80B	2.08B	4.73	6.62	2.58	2.51	1.80	0.950E	1.74E	1.77	1.84	1.38B	12
13	5.70B	2.06B	2.81	7.72	2.30	2.58	1.38	0.930E	1.72A	1.78	1.63	1.34B	13
14	4.60B	2.20B	2.57	7.12	2.50	2.46	1.32	1.57 A	1.88A	1.81	1.93	1.30B	14
15	3.70B	2.40B	3.67	7.82	2.30	2.86	1.22	1.61 A	1.75	1.87	3.26	1.27B	15
16	3.40B	2.20B	3.68	7.34	2.20	2.67	1.20	2.10 A	1.88	1.72	8.85	1.23B	16
17	3.20B	2.10B	3.32	7.18	2.07	3.11	1.21	1.85 E	1.87	1.81	4.88	1.22B	17
18	3.10B	2.00B	10.2	8.28	1.90	3.40	1.38	1.38 E	1.80	1.80	3.78	1.21B	18
19	3.15B	1.87B	9.81	7.26	1.90	3.15	1.45	1.20 E	1.80E	1.88	3.18	1.20B	19
20	3.20B	1.94B	7.84	8.82	2.02	3.91	1.58	1.40 E	1.88	2.10	3.10	1.19B	20
21	3.10B	2.10B	5.78B	9.81	2.07	3.85	1.50	1.88 A	1.89	2.48	3.05	1.18B	21
22	3.00B	2.05B	4.85B	4.30	1.88A	13.3	1.40	1.58 E	1.71	2.20	2.73	1.18B	22
23	2.90B	2.00B	5.03	4.08	1.78A	9.88	1.38	1.50 E	1.88	1.89	2.56	1.18B	23
24	3.00B	1.88B	5.03	3.85	1.86	6.85	1.28	1.48 E	1.70	2.22	3.15	1.17B	24
25	3.50B	1.92B	5.44	3.11	2.03	6.38	1.37	1.46 E	1.84E	2.14	3.08	1.17B	25
26	8.92	1.67A	8.28	3.25	2.78	5.46	1.40	1.44 E	1.80E	1.83	3.04	1.18B	26
27	10.2	1.82A	7.76	3.06	2.24	5.12	1.48	1.42 E	1.82E	1.88A	3.18	1.18B	27
28	7.41	1.77A	10.1	2.82	1.95	5.02	1.33	1.50 E	1.85E	1.84A	4.41	1.15B	28
29	8.80		10.7	2.76	1.88	4.81	1.18A	1.80 A	1.58E	1.58E	3.63B	1.14B	29
30	10.1		21.7	2.87	2.14	4.10	1.18E	1.55 A	1.57E	1.60E		1.80B	30
31	10.4		21.3		2.08		1.14E	1.50 E					31
TOTAL	172.93	80.77	193.37	209.50	67.12	129.43	59.27	42.450	52.23	56.09	86.14	47.02	TOTAL
MEAN	5.58	2.88	6.24	6.98	2.17	4.31	1.91	1.37	1.74	1.81	2.87	1.52	MEAN
MAX	12.0	10.1	21.7	14.0	2.80	13.3	5.05	2.10	2.15	2.48	8.85	3.28	MAX
MIN	2.80	1.77	1.76	2.87	1.78	2.21	1.14	0.930	1.58	1.53	1.57	1.14	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.28
MAXIMUM DAILY, 21.7 ON MAR 30
MINIMUM DAILY, 0.930E ON AUG 13
MAXIMUM INSTANTANEOUS,
22.6 AT 20:56 EST ON MAR 30

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 02 20 N
LONG 80 53 08 W
DRAINAGE AREA, 518 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 900	JUL	5 120
FEB	6 980	AUG	3 870
MAR	16 700	SEP	4 510
APR	18 100	OCT	4 850
MAY	5 800	NOV	7 440
JUN	11 200	DEC	4 060

TOTAL DISCHARGE, 103 000 dam³

THAMES RIVER AT INNERKIP - STATION NO. 02GD021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.30 B	4.80	0.1348	3.20	0.393	2.16	0.139	0.047	0.042	0.053	0.086	0.5308	1
2	0.720B	2.10 B	0.1328	2.62	0.373	3.77	0.120	0.042	0.045	0.062	0.104	0.4308	2
3	0.610B	1.40 B	0.1308	5.06	0.347	2.89	0.108	0.034	0.038	0.067	0.103	0.3108	3
4	0.580B	0.780B	0.1408	7.75	0.307	1.45	0.103	0.037	0.046	0.068	0.116	0.2608	4
5	0.580B	0.620B	0.1708	5.52	0.339	0.936	0.104	0.048	0.030	0.070	0.108	0.2308	5
6	0.570B	0.370B	0.1808	4.51	0.434	0.678	0.080	0.058	0.024	0.071	0.140	0.1908	6
7	0.580B	0.300B	0.1858	3.22	0.372	0.521	0.078	0.051	0.038	0.077	0.234	0.1708	7
8	10.5 B	0.270B	0.3008	2.34	0.375	0.383	0.068	0.037	0.043	0.080	0.410	0.1608	8
9	8.32 B	0.260B	0.7008	1.84	0.373	0.374	0.058	0.030	0.042	0.089	0.278	0.1508	9
10	2.10 B	0.245B	1.60 B	1.50	0.334	1.38	0.053	0.031	0.046	0.128	0.233	0.1408	10
11	1.10 B	0.238B	3.10 B	1.38	0.332	1.18	0.052	0.029	0.035	0.378	0.180	0.1358	11
12	2.00 B	0.238B	5.80 B	1.43	0.408	0.850	0.048	0.032	0.035	0.246	0.154	0.1278	12
13	2.30 B	0.234B	2.80 B	2.15	0.588	0.488	0.052	0.030	0.040	0.106	0.124	0.1238	13
14	1.10 B	0.460B	2.20 B	2.75	0.488	0.382	0.048	0.028	0.038	0.088	0.118	0.1188	14
15	0.720B	0.600B	8.00 B	3.84	0.417	0.302	0.044	0.033	0.048	0.080	0.547	0.1178	15
16	0.540B	0.400B	2.38 B	2.77	0.351	0.274	0.044	0.078	0.058	0.072	4.93	0.1128	16
17	0.480B	0.350B	1.35	1.93	0.308	0.280	0.038	0.150	0.078	0.089	2.34	0.1088	17
18	0.500B	0.280B	4.15	2.33	0.257	0.803	0.036	0.073	0.073	0.115	1.09	0.1038	18
19	0.800B	0.240B	3.82	1.88	0.234	0.518	0.040	0.055	0.078	0.123	0.672	0.1028	19
20	0.420B	0.210B	2.80 B	1.39	0.240	0.443	0.188	0.040	0.058	0.143	0.780	0.1018	20
21	0.400B	0.190B	1.60 B	1.08	0.285	0.481	0.208	0.035	0.048	0.180	1.35 B	0.1008	21
22	0.380B	0.178B	1.10 B	0.843	0.234	4.00	0.088	0.044	0.047	0.174	0.780B	0.0988	22
23	0.360B	0.163B	1.80 B	0.681	0.237	2.44	0.078	0.053	0.072	0.124	0.520B	0.0988	23
24	0.700B	0.155B	4.13	0.684	0.275	1.35	0.067	0.040	0.070	0.116	0.380B	0.0948	24
25	1.06 B	0.180B	8.31	0.520	0.252	0.813	0.083	0.032	0.074	0.103	0.434	0.0928	25
26	3.30 B	0.145B	8.35	0.495	0.611	0.584	0.066	0.026	0.070	0.097	0.368	0.0898	26
27	3.58	0.140B	8.02	0.497	0.570	0.362	0.065	0.021	0.062	0.083	0.335	0.0868	27
28	1.85	0.137B	8.15	0.431	0.337	0.320	0.154	0.019	0.058	0.082	1.20	0.0848	28
29	3.00		15.3	0.395	0.307	0.234	0.150	0.024	0.050	0.086	1.25 B	0.0828	29
30	8.01		7.24	0.408	0.586	0.178	0.084	0.024	0.048	0.084	0.670B	0.0808	30
31	3.61		4.84		1.26		0.060	0.023		0.090		0.2008	31
TOTAL	57.790	15.218	105.241	55.042	12.204	30.539	2.810	1.317	1.531	3.456	20.013	4.817	TOTAL
MEAN	1.86	0.544	3.43	2.17	0.394	1.02	0.084	0.042	0.051	0.112	0.667	0.155	MEAN
MAX	10.5	4.80	15.3	7.75	1.26	4.00	0.208	0.150	0.078	0.378	4.93	0.530	MAX
MIN	0.360	0.137	0.130	0.395	0.234	0.178	0.036	0.019	0.024	0.053	0.088	0.080	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.879
MAXIMUM DAILY, 15.3 ON MAR 29
MINIMUM DAILY, 0.019 ON AUG 28
MAXIMUM INSTANTANEOUS,
28.4 AT 16:30 EST ON JAN 6

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 12 55 N
LONG 80 41 24 W
DRAINAGE AREA, 149 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 890	JUL	226
FEB	1 310	AUG	114
MAR	9 180	SEP	132
APR	5 620	OCT	288
MAY	1 050	NOV	1 730
JUN	2 840	DEC	416

TOTAL DISCHARGE, 27 700 dam³

THAMES RIVER AT THAMESVILLE - STATION NO. 02GE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	110	84.2	18.7B	168	28.5	41.5	22.1	8.70E	8.62	8.11	17.0	48.0	1
2	78.4	88.2	18.6B	124	26.6	88.9	18.1	7.85E	8.74	8.06	13.6	43.4	2
3	85.6	90.3	18.2B	98.1	24.8	82.6	14.3	7.20E	11.7	7.86	15.5	32.7	3
4	69.3	74.8	17.4B	120	24.0	85.8	14.3	7.30E	11.6	7.67	12.3	30.0B	4
5	42.0B	80.0	17.5B	150	23.8	87.1	13.8	7.40E	9.21	7.88	11.4	28.5B	5
6	26.0B	47.8	18.6B	182	23.1	47.8	13.0	7.40E	8.38	7.87	11.0	27.5B	6
7	24.8B	42.4	22.5B	148	22.8	34.2	11.8	7.80E	8.82	8.68	12.4	28.3B	7
8	25.2B	46.1	20.0B	122	22.0	27.7	11.1	7.80E	8.38	11.0	17.1	24.8B	8
9	26.1B	34.0B	14.9B	80.2	22.1	25.6	10.8	8.05E	8.15	8.82	24.9	23.0B	9
10	80.0B	25.0B	16.2B	74.5	19.8	21.8	9.77	7.45E	9.14	9.06	23.6	20.5B	10
11	136 B	21.0B	16.6B	84.7	19.0	19.1	9.27	7.15E	8.13	8.61	21.5	19.8B	11
12	114 B	21.3B	23.0B	55.5	19.2	19.4	8.15A	7.05E	8.54	18.3	18.5	18.6B	12
13	82.0B	22.5B	30.0B	50.9	23.6	20.2	7.80E	7.10E	8.06	13.8	18.1	18.3B	13
14	64.2B	22.3B	36.5B	84.6	25.9	23.5	7.70E	7.20E	8.16	11.5	17.0	16.0B	14
15	48.2B	21.8B	27.9	81.7	26.2	20.5	7.60E	7.37A	8.82	10.3	16.2	15.8B	15
16	46.8B	28.7B	28.4	103	25.9	17.6	7.65E	8.10	8.86	9.74	33.7	13.0B	16
17	43.8B	27.1B	85.0	133	22.5	16.6	7.75E	8.29	8.82	8.38	87.9	11.8B	17
18	37.0B	26.3B	71.8	120	20.2	18.2	7.55E	9.03	9.44	10.2	76.9	11.2B	18
19	30.0B	22.7B	103	102	17.8	23.1	7.25E	8.44	8.63	12.1	58.9	11.0B	19
20	29.2B	19.8B	112	86.8	16.8	88.7	8.75E	9.26	9.40	18.2	43.5	11.1B	20
21	29.8B	18.9B	89.5	67.6	17.6	61.9	7.40E	8.67	8.94	15.1	36.9	11.2B	21
22	29.2B	18.7B	70.8	58.4	18.5	44.8	8.40E	8.43	8.83	14.5	35.6	11.3B	22
23	27.0B	18.6B	58.2	48.0	18.9	36.8	10.5 E	8.80	8.69	15.1	40.6	11.3B	23
24	25.6B	18.5B	49.5	42.0	19.1	42.1	10.0 E	8.81	9.15	14.4	40.6	10.8B	24
25	25.5B	18.9B	53.4	38.0	21.4	43.6	10.4 E	9.38	10.5	14.8	32.8	10.7B	25
26	25.0B	18.6B	77.1	32.4	49.8	37.7	10.0 E	8.29	10.3	12.4	26.2	10.9B	26
27	25.8B	18.3B	89.5	28.8	84.1	36.2	17.0 E	7.98	9.86	11.3	26.5	10.7B	27
28	38.0B	18.6B	118	28.6	41.8	44.1	15.0 E	8.00	8.55	11.8	27.4	10.5B	28
29	80.0		137	27.5	30.5	37.2	13.0 E	9.13	8.50	13.2	32.3	10.4B	29
30	56.4		179	26.4	27.8	27.1	12.5 E	9.01	8.26	8.87	42.5	10.5B	30
31	72.1		211		28.3		9.50E	8.88		14.5		10.8B	31
TOTAL	1 529.3	883.4	1 638.6	2 534.7	791.0	1 178.7	337.84	264.04	273.87	352.63	886.9	573.4	TOTAL
MEAN	49.3	36.5	59.3	84.5	25.5	39.3	10.9	8.19	9.13	11.4	28.8	18.5	MEAN
MAX	136	96.2	211	168	84.1	88.9	22.1	9.91	11.7	18.3	76.9	48.0	MAX
MIN	24.8	18.3	14.9	26.4	16.8	15.8	8.75	7.05	8.06	7.87	11.0	10.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.8
MAXIMUM DAILY, 211 ON MAR 31
MINIMUM DAILY, 8.75E ON JUL 20
MAXIMUM INSTANTANEOUS,
314 AT 12:01 EST ON MAR 31

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 32 42 N
LONG 81 58 04 W
DRAINAGE AREA, 4 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1953

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	132 000	JUL	29 200
FEB	85 400	AUG	21 800
MAR	158 000	SEP	23 700
APR	219 000	OCT	30 500
MAY	68 300	NOV	74 900
JUN	102 000	DEC	49 500

TOTAL DISCHARGE, 886 000 dam³

THAMES RIVER AT WOODSTOCK - STATION NO. 02GD012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.10	6.12	0.358	8.83	0.756	0.726	1.52	0.880	0.809	0.933	0.762	1.70	1
2	2.39	4.46	0.340	8.80	0.781	1.24	1.53	0.562	0.712	0.840	0.756	1.87	2
3	1.76	2.74	0.323	6.98	0.488	2.22	1.63	0.563	0.893	0.848	0.780	1.84	3
4	1.32	2.26	0.380	7.12	0.268	2.14	1.51	0.578	0.875	0.850	0.740	1.80	4
5	1.27	1.58	0.477	7.03	0.264	2.16	1.18	0.578	0.882	0.948	0.726	1.58	5
6	1.23	1.45	0.581	7.01	0.284	2.13	0.143	0.574	1.06	0.983	0.748	1.55	6
7	1.12	1.16	0.585	5.79	0.265	2.13	0.148	0.576	1.06	0.857	0.818	1.52	7
8	3.81	0.944	0.293	3.66	0.267	1.38	0.217	0.574	1.06	0.840	0.768	1.48	8
9	8.84	0.762	0.301	3.61	0.276	0.554	0.214	0.574	1.06	0.816	0.764	1.44	9
10	9.47	0.691	0.806	3.46	0.273	0.551	0.221	0.574	1.06	1.02	0.708	1.41	10
11	4.14	0.647	0.685	3.33	0.282	0.561	0.212	0.593	1.05	0.982	0.686	1.37	11
12	3.25	0.559	0.648	3.39	0.388	0.582	0.207	0.583	1.04	0.824	0.677	1.32	12
13	3.74	0.656	0.388	3.50	0.380	0.588	0.204	0.642	1.03	0.833	0.848	1.28	13
14	2.72	0.843	0.401	3.41	0.344	0.625	0.209	0.613	1.03	0.897	0.853	1.21	14
15	1.80	1.34	0.867	3.46	0.324	0.843	0.208	0.712	1.02	0.886	0.888	1.17	15
16	1.61	1.25	1.27	3.38	0.318	0.849	0.212	0.803	1.02	0.881	1.13	1.11	16
17	1.27	0.902	1.26	3.43	0.314	0.745	0.321	0.806	1.02	0.911	0.907	1.07	17
18	1.13	0.703	2.28	3.53	0.294	0.683	0.652	0.458	0.989	0.900	0.848	1.00	18
19	1.32	0.593	2.00	3.42	0.334	0.670	0.651	0.446	0.889	0.874	0.800	0.933	19
20	1.61	0.532	1.87	3.33	0.332	0.668	0.672	0.469	0.877	0.899	0.803	0.847	20
21	1.07	0.568	2.11	2.50	0.388	0.699	0.848	0.480	0.870	0.815	0.801	0.786	21
22	0.931	0.548	2.08	1.68	0.332	3.21	0.841	0.802	0.890	0.888	0.781	0.877	22
23	0.969	0.446	2.23	1.65	0.337	4.39	0.841	0.742	1.02	0.868	1.35	0.800	23
24	1.23	0.404	2.34	1.26	0.340	2.80	0.842	0.734	0.887	0.838	1.62	0.833	24
25	1.61	0.328	2.63	0.810	0.350	3.06	0.680	0.730	0.980	0.819	1.62	0.458	25
26	4.00	0.350	2.80	0.848	0.538	2.67	0.602	0.713	0.877	0.805	1.78	0.346	26
27	6.07	0.384	2.68	0.818	0.458	2.54	0.583	0.703	0.868	0.807	1.78	0.263	27
28	3.43	0.361	6.34	0.803	0.417	2.52	0.575	0.698	0.884	0.782	1.86	0.237	28
29	3.84		13.5	0.788	0.383	2.22	0.556	0.722	0.885	0.781	1.78	0.237	29
30	5.92		16.9	0.777	0.484	1.86	0.552	0.703	0.848	0.777	1.74	0.252	30
31	6.27		13.3		0.488		0.550	0.695		0.787		0.252	31
TOTAL	88.940	33.810	84.554	104.480	11.873	47.415	18.427	18.888	29.008	27.024	31.192	31.808	TOTAL
MEAN	2.87	1.21	2.73	3.48	0.377	1.58	0.594	0.609	0.967	0.881	1.04	1.02	MEAN
MAX	9.84	6.12	16.9	7.12	0.781	4.39	1.53	0.742	1.06	1.02	1.86	1.70	MAX
MIN	0.931	0.328	0.323	0.777	0.264	0.551	0.143	0.448	0.875	0.787	0.848	0.237	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.45
MAXIMUM DAILY, 16.9 ON MAR 30
MINIMUM DAILY, 0.143 ON JUL 8
MAXIMUM INSTANTANEOUS,
18.3 AT 22:30 EST ON MAR 29

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 08 35 N
LONG 80 45 04 W
DRAINAGE AREA, 284 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 880	JUL	1 880
FEB	2 020	AUG	1 830
MAR	7 310	SEP	2 810
APR	8 020	OCT	2 380
MAY	1 810	NOV	2 880
JUN	4 100	DEC	2 730

TOTAL DISCHARGE, 45 800 dam³

THAMES RIVER NEAR DUTTON - STATION NO. 02GE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	88.7	90.8	16.28	149	23.5	27.8	12.1	7.04	8.80	7.05	11.1	43.4	1
2	86.8	91.3	16.78	92.8	22.1	48.8	11.0	8.81	8.89	8.85	13.7	33.0	2
3	81.2	81.8	16.08	85.5	21.2	67.8	10.8	7.01	10.3	7.13	10.4	26.7	3
4	34.1	86.5	15.38	116	20.3	84.0	10.4	7.14	7.83	7.08	8.55	24.1 B	4
5	21.98	49.1	16.28	147	19.8	48.0	10.2	7.23	7.00	7.04	8.88	22.0 B	5
6	21.68	40.8	19.78	144	19.8	31.1	9.75	7.71	6.78	8.94	8.21	21.8 B	6
7	22.48	36.8	18.38	128	18.8	22.1	9.44	7.32	6.83	10.2	12.0	20.8 B	7
8	23.38	27.38	12.88	95.7	19.3	20.1	9.18	6.89	7.08	7.75	17.8	17.8 B	8
9	88.08	20.48	13.38	71.8	16.5	18.8	8.42	6.82	7.87	7.70	17.7	17.6 B	9
10	121 B	18.88	13.58	81.4	15.7	14.3	8.08	6.71	7.77	7.89	18.8	18.8 B	10
11	83.18	19.08	15.88	51.3	15.3	15.4	7.75	8.92	7.33	18.0	14.3	17.8 B	11
12	83.38	19.78	21.78	43.5	16.2	15.1	7.28	7.08	7.02	11.8	14.8	18.4 B	12
13	40.38	19.18	32.7	50.8	20.1	17.8	7.28	6.94	7.11	10.4	13.4	13.8 B	13
14	42.88	18.88	24.8	88.3	21.3	18.8	7.23	7.33	7.38	8.08	12.8	13.4 B	14
15	40.58	21.08	22.8	81.9	22.3	13.3	7.33	7.03	7.89	8.83	13.0	10.8 B	15
16	37.68	23.98	46.1	118	18.9	11.2	7.38	7.37	7.92	8.25	33.2	8.788	16
17	31.78	23.18	84.4	117	18.2	11.4	7.02	8.08	7.87	8.80	88.7	8.358	17
18	28.08	19.48	76.4	97.1	14.4	13.3	8.80	8.63	8.19	10.3	87.3	8.798	18
19	25.78	18.88	113	85.8	12.8	17.4	8.47	8.31	8.12	10.4	41.8	8.888	19
20	28.28	18.58	100	88.4	13.0	42.8	8.88	7.42	7.78	10.1	38.3	10.0 B	20
21	26.58	18.28	75.8	53.8	15.8	35.8	7.48	8.88	7.48	10.7	31.8	8.728	21
22	23.38	18.18	58.4	46.8	14.8	31.8	8.50	7.07	7.81	12.1	34.6	8.078	22
23	22.58	18.18	46.7	39.5	14.4	34.7	8.33	8.34	8.21	11.7	38.2	8.848	23
24	22.68	18.68	43.0	38.4	15.4	34.5	8.80	8.13	8.48	12.8	32.0	8.188	24
25	21.98	18.08	60.7	30.1	18.0	34.0	9.01	7.37	8.18	10.2	21.8	8.788	25
26	22.88	18.98	85.8	28.3	33.3	28.8	14.8	7.07	7.77	9.34	21.8	8.508	26
27	40.48	18.38	103	25.3	37.7	24.8	12.1	8.85	7.82	8.71	21.8	8.888	27
28	57.8	18.28	114	24.3	24.0	20.8	9.78	8.80	7.48	11.4	25.8	8.478	28
29	47.2		148	23.2	21.8	17.4	8.88	8.87	7.27	7.00	35.0	8.888	29
30	51.4		195	23.3	18.7	15.8	8.08	7.48	7.13	11.8	48.1	8.748	30
31	78.8		201		19.1		7.87	7.14		15.2		8.408	31
TOTAL	1 341.4	850.0	1 805.2	2 198.7	598.8	807.8	276.14	225.40	233.36	303.20	747.08	482.10	TOTAL
MEAN	43.3	30.4	58.2	73.3	19.3	26.9	8.91	7.27	7.78	9.78	24.8	14.8	MEAN
MAX	121	91.3	201	149	37.7	87.8	14.8	8.43	10.3	18.0	87.3	43.4	MAX
MIN	21.8	15.9	12.8	23.2	12.8	11.3	8.47	6.80	6.78	6.88	8.88	8.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.0
MAXIMUM DAILY, 201 ON MAR 31
MINIMUM DAILY, 6.47 ON JUL 18
MAXIMUM INSTANTANEOUS,
210 AT 23.11 EST ON MAR 30

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 43 51 N
LONG 81 34 43 W
DRAINAGE AREA, 3 760 km²

B - ICE CONDITIONS

REGULATED SINCE 1953

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	115 000	JUL	23 900
FEB	73 400	AUG	19 500
MAR	155 000	SEP	20 200
APR	190 000	OCT	26 200
MAY	51 700	NOV	64 500
JUN	69 800	DEC	39 900

TOTAL DISCHARGE, 881 000 dam³

THAMES RIVER NEAR EALING - STATION NO. 02GD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.0	32.9 E	3.948	34.4	7.51	9.82	5.78	2.84	5.14	3.18	3.54	8.63	1
2	14.7	30.0 E	3.708	24.8	8.82	10.7	5.24	2.87	4.07	3.28	3.98	7.38	2
3	12.4	22.2 E	4.13	30.0 A	8.82	11.4	4.88	2.63	3.28	3.31	3.88	5.858	3
4	7.798	18.2 E	4.82	51.1 A	8.40	11.2	4.88	2.78	3.08	3.24	3.80	4.828	4
5	8.208	15.8 E	6.13	51.1 A	8.58	9.88	4.84	3.08	3.00	3.28	3.89	8.208	5
6	8.848	14.3 E	8.118	38.6	8.59	8.73	4.88	2.88	3.03	3.38	4.45	8.47	6
7	8.71	12.8 E	4.208	31.2	8.14	8.14	3.88	2.84	3.23	3.27	8.11	4.80	7
8	38.1	10.2 E	4.348	24.8	8.23	7.80	3.44	2.87	3.84	3.21	8.72	4.83	8
9	43.6	9.83E	4.87	20.1	8.07	7.18	3.38	2.82	3.43	3.20	7.78	4.87	9
10	28.3	11.0 E	8.38	18.1	8.80	8.77	3.33	2.83	3.23	8.71	8.28	8.18	10
11	20.0	11.1 E	12.3	18.8	8.70	8.82	3.24	2.83	3.21	4.88	8.44	8.01	11
12	17.4	10.7 E	19.8 B	18.1	8.88	8.80	3.13	2.88	3.20	4.80	4.88	4.87	12
13	19.3	8.18E	12.7	23.8	8.31	8.72	3.00	2.88	3.18	3.80	4.34	4.38	13
14	14.0 B	10.0 E	10.2	23.8	7.78	8.47	2.81	2.88	3.43	3.70	4.33	4.18	14
15	12.1 B	12.8 A	13.3	23.7	7.08	8.18	2.71	3.10	3.43	3.58	8.84	3.88	15
16	10.8	10.1	13.7	24.8	8.41	8.38	2.82	3.22	3.88	3.72	23.8	3.85	16
17	8.22	7.31	10.1	21.2	8.84	8.18	2.71	3.35	3.84	4.10	22.8	3.84	17
18	8.02	8.74	32.8	28.8	8.38	7.48	2.88	2.83	3.88	4.03	13.8	4.00	18
19	8.88	8.88	48.8	23.8	8.01	7.88	2.72	2.78	3.48	3.88	10.1	3.88	19
20	8.83	8.84	30.3	18.8	8.18	8.08	3.40	2.88	3.32	4.18	8.81	3.83	20
21	8.718	8.70	20.8	18.3	8.77	8.38	3.86	3.34	3.31	4.81	8.20	3.80	21
22	7.82	8.31	18.2 B	13.8	8.61	18.8	4.33	3.80	3.83	4.88	8.42	3.48	22
23	8.43	4.878	18.3 B	11.8	8.28	28.4	3.28	3.10	3.84	4.82	7.258	3.88	23
24	8.88	4.208	28.8	10.7	8.88	18.2	3.01	3.02	3.87	4.24	8.588	3.80	24
25	8.78	4.31	28.3	8.72	7.78	14.8	2.84	2.88	3.48	4.38	8.88	3.42	25
26	20.8	4.84	31.2	8.27	10.7	12.8	3.88	2.74	3.40	4.12	8.41	3.38	26
27	30.8 A	4.47	28.8	8.31	8.25	10.8	3.80	2.88	3.33	3.83	8.78	3.38	27
28	23.8 E	4.44	32.4	8.81	8.81	8.00	3.88	2.88	3.30	3.70	11.0	3.38	28
29	21.0 E		47.8	7.82	8.37	7.81	3.18	3.22	3.33	3.88	12.7	3.33	29
30	31.8 E		48.7	7.78	8.42	8.88	2.81	3.01	3.21	3.88	10.1	3.14	30
31	32.8 E		42.4		8.07		2.78	2.82		3.87		4.28	31
TOTAL	824.20	303.48	585.82	858.02	208.87	288.88	111.09	88.88	103.88	121.17	240.88	138.82	TOTAL
MEAN	18.8	10.8	18.8	21.7	8.88	8.63	3.88	2.87	3.48	3.81	8.03	4.47	MEAN
MAX	43.8	32.8	47.8	58.4	10.7	28.4	5.78	3.80	8.14	8.71	23.8	8.83	MAX
MIN	8.71	4.20	3.70	7.78	8.01	8.18	2.82	2.83	3.00	3.18	3.84	3.14	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.21
MAXIMUM DAILY, 58.4E ON APR 4
MINIMUM DAILY, 2.83 ON AUG 3

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 58 21 N
LONG 81 12 38 W
DRAINAGE AREA, 1 340 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1957

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	45 300	JUL	9 800
FEB	26 200	AUG	7 880
MAR	60 800	SEP	8 880
APR	86 300	OCT	10 800
MAY	17 800	NOV	20 800
JUN	28 000	DEC	13 000

TOTAL DISCHARGE, 291 000 dam³

THAMES RIVER NEAR TAVISTOCK - STATION NO. 02GD023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.453B	1.40 B	0.031B	0.840E	0.188	0.882	0.131	0.008E	0.002	0.008	0.018	0.2008	1
2	0.357B	1.00 B	0.032B	0.820E	0.150	1.83	0.129	0.007E	0.003	0.010	0.018	0.1608	2
3	0.280B	0.800B	0.037B	0.880E	0.133	0.884	0.148	0.004E	0.001	0.008	0.018	0.1308	3
4	0.230B	0.320B	0.044B	1.40 E	0.124	0.344	0.154	0.004E	0	0.008	0.018	0.1038	4
5	0.190B	0.280B	0.050B	1.40 E	0.144	0.229	0.173	0.008E	0	0.008	0.018	0.0828	5
6	0.150B	0.210B	0.044B	1.05 E	0.168	0.183	0.188	0.008E	0.003	0.008	0.027	0.0648	6
7	0.150B	0.180B	0.048B	0.840E	0.135	0.118	0.162	0.007E	0.005	0.011	0.041	0.0768	7
8	4.20 B	0.150B	0.050B	0.680E	0.141	0.093	0.124	0.008E	0.005	0.012	0.080	0.0688	8
9	1.07 B	0.130B	0.058B	0.530E	0.129	0.101	0.107	0.008E	0.004	0.010	0.049	0.0628	9
10	0.540B	0.120B	0.100B	0.480E	0.118	0.817	0.088	0.008A	0.006	0.028	0.041	0.0588	10
11	0.420B	0.113B	1.30 B	0.480E	0.110	0.268	0.088	0.004	0.008	0.037	0.032	0.0538	11
12	0.808B	0.108B	1.00 B	0.880E	0.138	0.156	0.048	0.005	0.004	0.018	0.023	0.0508	12
13	0.740B	0.100B	0.920B	0.820E	0.174	0.120	0.038	0.003	0.004	0.017	0.017	0.0478	13
14	0.400B	0.114B	1.10 B	1.38 E	0.143	0.082	0.034	0.002	0.006	0.013	0.017	0.0438	14
15	0.300B	0.130B	2.24 B	1.80 E	0.130	0.074	0.027	0.009	0.008	0.011	0.583	0.0418	15
16	0.230B	0.095B	0.583B	1.00 E	0.110	0.070	0.021	0.027	0.008	0.010	1.70	0.0388	16
17	0.200B	0.078B	0.387B	0.523A	0.098	0.108	0.017	0.027	0.012	0.012	0.548	0.0378	17
18	0.180B	0.068B	0.923B	0.633	0.082	0.152	0.012	0.008	0.008	0.014	0.340	0.0358	18
19	0.270B	0.081B	0.780B	0.472	0.073	0.118	0.014	0.001	0.008	0.017	0.303	0.0348	19
20	0.300B	0.058B	0.538B	0.388	0.078	0.131	0.022	0.002	0.008	0.018	0.548	0.0338	20
21	0.140B	0.052B	0.371B	0.308	0.075	0.130	0	0.010	0.007	0.021	0.585	0.0328	21
22	0.130B	0.048B	0.377B	0.281	0.058	0.471	0	0.003	0.008	0.020	0.343	0.0318	22
23	0.180B	0.044B	0.808B	0.231	0.058	0.336	0	0.003	0.008	0.018	0.2678	0.0308	23
24	0.300B	0.041B	1.11 B	0.207	0.062	0.207	0	0.001	0.008	0.018	0.2108	0.0288	24
25	0.400B	0.038B	2.84	0.198	0.059	0.156	0.001	0	0.008	0.017	0.194	0.0288	25
26	1.00 B	0.037B	1.89	0.203	0.116	0.131	0.008	0	0.008	0.018	0.197	0.0278	26
27	0.660B	0.035B	0.873A	0.188	0.092	0.132	0.037	0	0.008	0.018	0.198	0.0278	27
28	0.580B	0.033B	1.60 E	0.178	0.089	0.137	0.048A	0	0.007	0.018	0.852	0.0288	28
29	1.00 B		4.00 E	0.171	0.087	0.128	0.030E	0	0.008	0.015	0.407	0.0288	29
30	1.40 B		2.50 E	0.174	0.143	0.144	0.018E	0	0.005	0.015	0.3008	0.0288	30
31	1.15 B		1.50 E		0.289		0.011E	0		0.015		0.0908	31
TOTAL	18.068	5.520	37.807	18.508	3.574	8.053	1.811	0.174	0.173	0.469	7.780	1.785	TOTAL
MEAN	0.583	0.197	0.887	0.850	0.115	0.270	0.058	0.006	0.006	0.015	0.259	0.058	MEAN
MAX	4.20	1.40	4.00	1.80	0.289	1.83	0.173	0.027	0.012	0.037	1.70	0.200	MAX
MIN	0.130	0.033	0.031	0.171	0.057	0.070	0	0	0	0.008	0.015	0.028	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.280
MAXIMUM DAILY, 4.308 ON JAN 8
MINIMUM DAILY, 0 ON JUL 31
MAXIMUM INSTANTANEOUS,
8.14 AT 08 14 EST ON JAN 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 18 17 N
LONG 80 51 00 W
DRAINAGE AREA, 34.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 580	JUL	186
FEB	477	AUG	15.0
MAR	2 400	SEP	14.8
APR	1 880	OCT	40.5
MAY	308	NOV	670
JUN	889	DEC	154

TOTAL DISCHARGE, 8 180 dam³

TRENT CANAL LOCK 42 NEAR WASHAGO - STATION NO. 02EC018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	0	0	0	0	0	0	18
19	0	0	0	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	0	0	0	0	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	0	0	0	0	0	0	0	0	0	0	0	0	24
25	0	0	0	0	0	0	0	0	0	0	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0	0	0	0	0	0	0	0	0	0	27
28	0	0	0	0	0	0	0	0	0	0	0	0	28
29	0		0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0	0	0	0	0	0	0	0	30
31	0		0		0		0	0		0		0	31
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	TOTAL
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	MEAN
MAX	0	0	0	0	0	0	0	0	0	0	0	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON JAN 1
MINIMUM DAILY, 0 ON JAN 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 45 11 N
LONG 79 21 01 W

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	0
JUN	0	DEC	0

TOTAL DISCHARGE, 0 dam³

DATA CONTRIBUTED BY -
PARKS CANADA (DOE) (CANADA)

REGULATED

TRENT RIVER AT GLEN ROSS - STATION NO. 02HK004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	104	130	72.8	287	104	75.8	86.1	20.8	37.7	13.3	61.8	198 B	1
2	101	131	72.88	283	118	113	84.8	17.7	84.4	13.4	68.4	187 B	2
3	98.6	117	71.08	280	148	112	71.5	16.9	48.8	15.2	71.4	188 B	3
4	87.48	108 B	72.08	283	180	114	57.6	21.8	36.4	16.4	80.6	188 B	4
5	83.8	104 B	73.88	329	147	114	48.8E	32.8	34.7	18.6	78.8	188 B	5
6	81.38	88.68	73.08	348	142	83.4	44.0E	41.0	37.3	27.7	80.8	184 B	6
7	80.1	91.88	72.88	348	178	78.7	43.4	88.8	38.4	38.6	78.8	178 B	7
8	81.08	80.08	73.08	358	288	84.3	42.8	52.8	38.2	34.5	84.8	175 B	8
9	83.08	78.88	74.88	3588	336	82.8	33.3	40.4	38.3	29.5	95.8	172 B	9
10	83.88	71.08	76.68	378	320	82.1	33.3	32.0	38.4	27.8	110	170 B	10
11	84.08	84.88	78.88	383	308	108	38.1	28.1	28.8	38.4	118	173	11
12	92.8	88.08	80.08	387	347	133	36.8	23.3	23.9	41.8	114	168	12
13	95.08	85.88	82.88	387	385	138	28.4	23.5	20.4	42.8	114	127 B	13
14	88.0	83.88	83.8	322	367	148	24.2	22.8	23.2	43.1	107	110 B	14
15	98.8	88.08	107	282	388	174	18.8	22.4	37.6	48.0	148	98.08	15
16	108	88.88	127	248	392	188	17.0	22.8	40.1	82.2	238	82.08	16
17	117 B	84.08	148	238	383	188	17.4	22.1	40.4	83.3	277	80.08	17
18	118	80.88	144	238	322	181	18.8	23.7	38.8	126	280	88.88	18
19	118	88.88	107	213	283	148	21.7	23.8	31.8	142	278	88.88	19
20	117	88.88	88.8	188	228	187	21.3	28.0	27.8	187	277	84.88	20
21	118 B	74.08	81.08	178	214	177	21.8	30.7	28.8	183	287	89.08	21
22	116	78.88	78.08	174	185	190	21.7	29.7	28.8	148	287	88.88	22
23	113	78.08	71.08	178	148	200	20.8	28.4	84.4	147	271	107 B	23
24	102	78.7	70.8	187	144	233	19.8	27.1	88.8	148	282	118 B	24
25	93.8	78.4	70.2	180	147	237	19.3	26.8	48.3	123	282	120 B	25
26	91.0	78.3	87.8	138	141	283	17.4	26.3	42.8	85.0	281	122 B	26
27	90.8	76.8	137	121	133	237	18.8	27.2	38.1	71.3	280	128 B	27
28	93.8	76.3	186	111	138	203	17.0	21.7	27.5	68.8	264 B	132 B	28
29	95.5		248	110	88.2	123	21.1	20.8	22.7	58.5	248 B	133 B	29
30	105		278	103	87.8	87.4	23.0	27.7	17.7	58.8	238 B	127 B	30
31	116		288		78.8		22.7	23.4		58.7		122 B	31
TOTAL	3 080.5	2 234.0	3 349.8	7 488	6 825.4	4 334.1	987.0	857.8	1 088.1	2 141.8	5 374.1	4 224.0	TOTAL
MEAN	98.7	79.8	108	280	220	144	31.2	27.7	38.3	88.1	178	136	MEAN
MAX	118	131	278	387	383	283	71.5	88.8	84.4	187	287	188	MAX
MIN	80.1	83.8	70.2	103	78.8	82.8	18.8	17.7	17.7	13.3	88.4	84.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 118
MAXIMUM DAILY, 383 ON MAY 17
MINIMUM DAILY, 13.3 ON OCT 1
MAXIMUM INSTANTANEOUS,
384 AT 12:08 EST ON MAY 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 15 50 N
LONG 77 35 10 W
DRAINAGE AREA, 12 000 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	284 000	JUL	83 500
FEB	193 000	AUG	74 100
MAR	288 000	SEP	94 100
APR	847 000	OCT	185 000
MAY	590 000	NOV	484 000
JUN	374 000	DEC	365 000

TOTAL DISCHARGE, 3 830 000 dam³

TRENT RIVER AT HEALEY FALLS - STATION NO. 02HK002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	91.2	86.3	38.2	178	58.7	80.8	20.5	18.2	31.3	16.5	87.0	180	1
2	89.7	110	38.3	172	72.8	77.8	20.6	16.9	37.8	16.6	87.0	142	2
3	91.7	108	38.8	173	112	80.8	28.0	16.1	37.8	16.7	88.8	125	3
4	92.8	97.3	38.0	178	126	83.6	21.5	16.6	37.5	16.7	80.8	136	4
5	84.7	91.3	39.7	187	112	88.4	14.8	24.8	37.8	18.2	82.0	128	5
6	83.7	88.8	40.1	211	103	74.8	13.4	33.8	37.8	21.8	84.3	112	6
7	83.2	71.1	40.8	222	188	82.0	10.8	36.8	37.8	23.3	88.1	110	7
8	83.8	83.4	40.8	238	218	82.3	8.84	34.8	36.2	23.3	74.8	118	8
9	84.8	88.4	41.0	248	224	46.8	8.28	27.0	34.4	23.3	102	122	9
10	88.8	89.0	41.7	283	212	88.8	10.3	21.8	33.8	23.3	112	123	10
11	88.8	83.3	42.8	288	208	74.1	11.8	17.8	31.8	33.8	102	122	11
12	80.4	83.4	42.1	288	243	105	12.0	18.8	28.8	40.4	88.8	117	12
13	82.4	83.2	41.7	280	288	120	12.0	16.8	30.3	40.3	80.2	110	13
14	83.8	83.2	41.3	222	270	118	11.9	16.8	30.3	40.4	85.8	92.7	14
15	83.8	44.3	82.1	174	282	118	12.1	17.4	31.7	40.4	118	81.7	15
16	102	38.3	84.3	187	288	107	12.1	20.3	32.5	48.3	188	78.7	16
17	108	38.0	82.8	171	280	100	12.1	21.4	32.5	84.5	188	88.2	17
18	107	38.4	87.7	170	244	88.8	12.8	20.4	32.8	118	182	83.2	18
19	108	39.3	85.7	147	178	100	13.4	21.8	28.0	120	177	87.2	19
20	108	39.3	71.7	138	183	107	13.4	21.8	28.8	122	177	83.0	20
21	103	39.1	88.3	132	180	120	13.4	21.8	28.8	123	178	82.1	21
22	108	39.0	87.3	128	148	134	13.3	21.8	28.8	122	180	81.1	22
23	101	38.8	84.8	128	134	144	13.3	23.8	48.2	122	183	88.8	23
24	87.7	38.8	83.3	108	130	187	13.8	23.8	38.4	122	184	83.1	24
25	81.7	38.7	83.1	81.8	128	177	13.4	23.2	35.3	88.8	185	88.8	25
26	78.3	38.8	82.8	81.4	118	187	14.0	23.2	38.1	78.8	188	88.8	26
27	77.2	38.4	87.7	82.1	110	181	14.2	22.4	23.8	88.4	184	88.1	27
28	77.8	38.8	118	73.8	88.4	142	18.2	20.8	33.4	88.3	188	87.4	28
29	78.2		180	88.8	87.8	78.7	18.4	17.1	22.3	88.3	188	88.8	29
30	78.4		187	88.1	82.8	21.8	18.8	18.1	17.7	88.8	188	88.0	30
31	80.4		191		48.3		18.2	20.8		88.8		88.8	31
TOTAL	2 817.3	1 888.0	2 180.8	4 884.0	5 017.7	3 084.8	447.40	671.1	874.4	1 850.8	3 835.1	3 045.0	TOTAL
MEAN	80.8	87.0	88.7	188	182	103	14.4	21.8	32.5	88.7	131	88.2	MEAN
MAX	108	110	187	280	280	187	28.0	38.8	48.2	123	188	180	MAX
MIN	78.3	38.0	38.2	88.1	48.3	21.8	8.28	18.8	17.7	18.8	87.0	88.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 83.8
MAXIMUM DAILY, 280 ON MAY 17
MINIMUM DAILY, 8.28 ON JUL 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 22 14 N
LONG 77 48 42 W
DRAINAGE AREA, 9 080 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	243 000	JUL	38 700
FEB	138 000	AUG	58 000
MAR	187 000	SEP	84 200
APR	431 000	OCT	180 000
MAY	434 000	NOV	340 000
JUN	287 000	DEC	283 000

TOTAL DISCHARGE, 2 840 000 dam³

REMARKS - DAILY DISCHARGES ARE A TOTAL OF ONT. HYDRO RECORDS AT HEALEY FALLS PLUS RECORDED SPILLWAY RECORDS

TRIBUTARY TO MORBERG CREEK AT TURKEY LAKE - STATION NO. 02BF013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.005	0.007B	0.002B	0.011	0.084	0.010	0.005	0.001	0.003	0.001	0.008	0.008	1
2	0.005B	0.007B	0.002B	0.010	0.083	0.008	0.005	0.001	0.001	0.001	0.007	0.008	2
3	0.005B	0.006B	0.002B	0.011	0.070	0.008	0.010	0.002	0.001	0.001	0.008	0.008B	3
4	0.005	0.006B	0.002B	0.026	0.082	0.007	0.008	0.002	0.001	0.001	0.006	0.008B	4
5	0.005	0.006B	0.003B	0.026	0.118	0.006	0.006	0.001	0.001	0.002	0.032	0.008B	5
6	0.005	0.005B	0.003B	0.021	0.089	0.006	0.005	0.001	0.001	0.004	0.042	0.008	6
7	0.005	0.004B	0.002B	0.019	0.042	0.011	0.005	0.001	0.001	0.003	0.026	0.008	7
8	0.005B	0.004B	0.002B	0.016	0.044	0.022	0.003	0.001	0.009	0.003	0.018	0.007	8
9	0.005	0.004B	0.002B	0.015	0.056	0.018	0.001	0.001	0.003	0.003	0.034	0.007	9
10	0.005B	0.004B	0.002B	0.013	0.058	0.013	0.005	0.001	0.003	0.002	0.036	0.007	10
11	0.005	0.005B	0.002B	0.010	0.055	0.012	0.003	0.001	0.002	0.002	0.029	0.007	11
12	0.005B	0.005B	0.002B	0.011	0.056	0.011	0.003	0.001	0.002	0.001	0.021	0.006	12
13	0.005B	0.005B	0.002B	0.010	0.055	0.010	0.002	0.001	0.001	0.001	0.017	0.006B	13
14	0.005B	0.005B	0.002B	0.012	0.042	0.010	0.002	0.003	0.001	0.001	0.014	0.006	14
15	0.005B	0.005B	0.002B	0.012	0.031	0.010	0.001	0.001	0.001	0.001	0.012	0.006	15
16	0.005B	0.005B	0.002B	0.012	0.023	0.014	0.001	0.001	0.001	0.001	0.012	0.006B	16
17	0.004B	0.005B	0.002B	0.020	0.018	0.024	0.001	0.001	0.001	0.001	0.012	0.006	17
18	0.004B	0.005B	0.002B	0.028	0.012	0.018	0.001	0.001	0.001	0.001	0.012	0.006B	18
19	0.004B	0.004B	0.002B	0.025	0.012	0.013	0.001	0.001	0.001	0.001	0.012	0.006B	19
20	0.004B	0.004B	0.002B	0.027	0.016	0.011	0.001	0.002	0.001	0.001	0.012B	0.006B	20
21	0.004B	0.004B	0.002B	0.036	0.020	0.010	0.001	0.001	0.001	0.002	0.011	0.006	21
22	0.004B	0.004B	0.002B	0.034	0.014	0.008	0.001	0.004	0.001	0.003	0.013B	0.006B	22
23	0.004B	0.003B	0.002B	0.038	0.011	0.008	0.001	0.003	0.001	0.003	0.014B	0.006B	23
24	0.004B	0.003B	0.003B	0.045	0.010	0.009	0.001	0.001	0.001	0.002	0.010	0.006	24
25	0.004B	0.003B	0.004B	0.072	0.012	0.008	0.001	0.001	0.001	0.002	0.009	0.006	25
26	0.004B	0.003B	0.005B	0.130	0.010	0.008	0.001	0.001	0.001	0.003	0.008	0.006B	26
27	0.004B	0.003B	0.015B	0.144	0.008	0.008	0.001	0.001	0.001	0.002	0.008	0.006	27
28	0.004B	0.003B	0.025B	0.104	0.008	0.007	0.001	0.001	0.001	0.001	0.008B	0.006B	28
29	0.004B		0.046B	0.074	0.007	0.007	0.001	0.001	0.001	0.003	0.010B	0.006B	29
30	0.004B		0.025B	0.058	0.006	0.006	0.001	0.001	0.001	0.005	0.008	0.006B	30
31	0.005B		0.012		0.011		0.001	0.004		0.014		0.006B	31
TOTAL	0.148	0.132	0.183	1.071	1.111	0.326	0.080	0.044	0.046	0.072	0.487	0.198	TOTAL
MEAN	0.005	0.005	0.006	0.036	0.036	0.011	0.003	0.001	0.002	0.002	0.016	0.006	MEAN
MAX	0.006	0.008	0.046	0.144	0.118	0.024	0.010	0.004	0.009	0.014	0.042	0.008	MAX
MIN	0.004	0.003	0.002	0.010	0.007	0.008	0.001	0.001	0.001	0.001	0.008	0.005	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.011
MAXIMUM DAILY, 0.144 ON APR 27
MINIMUM DAILY, 0.001 ON JUL 9
MAXIMUM INSTANTANEOUS,
0.258 AT 20:28 EST ON APR 28

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 02 30 N
LONG 84 28 05 W
DRAINAGE AREA, 0.07 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12.8	JUL	8.91
FEB	11.4	AUG	3.80
MAR	15.8	SEP	3.97
APR	82.6	OCT	6.22
MAY	95.0	NOV	40.3
JUN	28.2	DEC	17.1

TOTAL DISCHARGE, 335 dam³

TRIBUTARY TO WYE RIVER BELOW ELMVALE - STATION NO. 02ED018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.065B	0.430B	0.015B	0.484	0.017	0.040E	0.011E	0	0	0	0.003	0.210B	1
2	0.063B	0.280B	0.014B	0.358	0.018	0.025E	0.008E	0	0	0	0.004	0.180B	2
3	0.058B	0.140B	0.013B	0.425	0.072	0.020E	0.007E	0	0	0	0.004	0.115B	3
4	0.050B	0.080B	0.012B	0.801	0.083	0.160E	0.006E	0	0	0	0.003	0.090B	4
5	0.038B	0.070B	0.011B	0.482	0.078	0.060E	0.010E	0	0	0	0.003	0.078B	5
6	0.028B	0.060B	0.010	0.383	0.383	0.030E	0.005E	0	0	0	0.002	0.062B	6
7	0.020B	0.050B	0.008	0.344	0.266	0.012E	0.002E	0	0	0	0.002	0.055B	7
8	0.140B	0.043B	0.006	0.280	0.812	0.008E	0.001E	0	0	0	0.003	0.048B	8
9	0.480B	0.038B	0.005	0.218	0.457	0.080E	0 E	0	0	0	0.006	0.044B	9
10	0.380B	0.034B	0.005	0.184	0.289	0.260E	0 E	0	0	0	0.014	0.040B	10
11	0.345B	0.035B	0.004	0.168	0.220	0.265E	0 E	0	0	0.001	0.025	0.037B	11
12	0.300B	0.037B	0.004	0.152	0.488	0.220E	0 E	0	0	0.001	0.023	0.038B	12
13	0.370B	0.038B	0.004	0.218	0.855	0.200E	0 E	0	0	0.001	0.037	0.033B	13
14	0.355B	0.040B	0.008	0.215	0.398	0.180E	0 E	0	0	0.001	0.028	0.032B	14
15	0.290B	0.045B	1.30 B	0.222	0.264	0.185E	0 E	0	0	0.002	0.040	0.030B	15
16	0.255B	0.040B	1.40 B	0.185	0.198	0.172E	0 E	0	0	0.004	0.400	0.028B	16
17	0.235B	0.035B	0.950B	0.157	0.153	0.180E	0 E	0	0	0.025	0.507	0.028B	17
18	0.240B	0.032B	0.700B	0.144	0.113	0.180E	0 E	0	0	0.028	0.258	0.027B	18
19	0.210B	0.030B	0.550B	0.118	0.081	0.200E	0 E	0	0	0.018	0.198	0.026B	19
20	0.200B	0.028B	0.400B	0.102	0.084	0.220E	0 E	0	0	0.025	0.488	0.025B	20
21	0.190B	0.025B	0.325B	0.084	0.195	0.300E	0 E	0	0	0.088	0.728	0.024B	21
22	0.120B	0.022B	0.260B	0.067	0.178	0.850E	0 E	0	0	0.081	0.266E	0.023B	22
23	0.085B	0.021B	0.220B	0.046	0.087	0.270E	0 E	0	0	0.051	0.153A	0.023B	23
24	0.060B	0.020B	0.180B	0.038	0.061	0.200E	0 E	0	0	0.027	0.089	0.022B	24
25	0.055B	0.019B	0.350B	0.035	0.042	0.140E	0 E	0	0	0.015	0.098	0.022B	25
26	0.050B	0.018B	0.800B	0.033	0.056	0.080E	0 E	0	0	0.011	0.101	0.021B	26
27	0.045B	0.017B	2.00 B	0.028	0.074	0.036A	0 E	0	0	0.007	0.180	0.020B	27
28	0.040B	0.016B	4.80 B	0.024	0.047	0.024E	0 E	0	0	0.006	0.783	0.019B	28
29	0.040B		2.30 B	0.026	0.024	0.018E	0 E	0	0	0.005	0.380B	0.018B	29
30	0.120B		0.838	0.017	0.017	0.014E	0 E	0	0	0.006	0.300B	0.016B	30
31	0.480B		0.820		0.038E		0 A	0		0.005		0.023B	31
TOTAL	5.387	1.724	17.913	5.797	5.885	4.398	0.080	0	0	0.408	5.100	1.428	TOTAL
MEAN	0.174	0.062	0.578	0.193	0.189	0.147	0.002	0	0	0.013	0.170	0.046	MEAN
MAX	0.480	0.430	4.80	0.801	0.812	0.850	0.011	0	0	0.081	0.783	0.210	MAX
MIN	0.020	0.018	0.004	0.017	0.017	0.008	0	0	0	0	0.002	0.016	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.132
MAXIMUM DAILY, 4.80B ON MAR 26
MINIMUM DAILY, 0E ON JUL 9

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 35 33 N
LONG 79 52 15 W
DRAINAGE AREA, 16.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	465	JUL	4.32
FEB	149	AUG	0
MAR	550	SEP	0
APR	501	OCT	35.3
MAY	507	NOV	441
JUN	380	DEC	123

TOTAL DISCHARGE, 4 180 dam³

TROUT CREEK NEAR FAIRVIEW - STATION NO. 02GD019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.480B	1.90 B	0.072B	1.08	0.084	1.57	0.031	0.033	0.028	0.024	0.033	0.238	1
2	0.360B	1.00 B	0.070B	0.853	0.088	3.33	0.028	0.033	0.028	0.028	0.038	0.2088	2
3	0.300B	0.500B	0.088B	1.78	0.088	1.54	0.028	0.031	0.024	0.030	0.039	0.1678	3
4	0.230B	0.320B	0.078B	2.46	0.072	0.823	0.028	0.037	0.023	0.030	0.038	0.101	4
5	0.180B	0.280B	0.080B	1.56	0.088	0.483	0.023	0.040	0.023	0.025	0.038	0.108	5
6	0.150B	0.210B	0.088B	1.35	0.087	0.348	0.021	0.038	0.024	0.022	0.052	0.088	6
7	0.180B	0.180B	0.070B	1.03	0.084	0.280	0.021	0.035	0.027	0.022	0.058	0.073	7
8	2.50 B	0.150B	0.060B	0.810	0.088	0.183	0.018	0.032	0.027	0.022	0.144	0.080	8
9	1.70 B	0.130B	0.080B	0.874	0.081	0.158	0.020	0.032	0.028	0.021	0.153	0.068	9
10	1.20 B	0.120B	0.140B	0.582	0.073	0.988	0.020	0.034	0.028	0.043	0.148	0.080	10
11	0.800B	0.113B	0.800B	0.533	0.088	0.345	0.018	0.031	0.023	0.068	0.101	0.057	11
12	0.780B	0.105B	1.50 B	0.888	0.084	0.187	0.018	0.031	0.022	0.068	0.088	0.050	12
13	0.900B	0.100B	1.30 B	1.08	0.131	0.141	0.017	0.030	0.022	0.039	0.054	0.045	13
14	0.400B	0.114B	1.20 B	1.52	0.123	0.120	0.017	0.030	0.023	0.029	0.057	0.044	14
15	0.300B	0.130B	3.87 B	2.48	0.108	0.102	0.018	0.050	0.024	0.025	1.82	0.0418	15
16	0.230B	0.100B	1.10 B	1.23	0.092	0.092	0.018	0.122	0.024	0.024	3.83	0.0418	16
17	0.200B	0.084B	0.700B	0.888	0.077	0.080	0.017	0.118	0.026	0.024	1.43	0.0388	17
18	0.180B	0.090B	1.00 B	0.915	0.069	0.088	0.018	0.060	0.025	0.024	0.718	0.0388	18
19	0.270B	0.085B	1.30 B	0.854	0.082	0.077	0.020	0.044	0.024	0.024	0.420	0.0378	19
20	0.200B	0.080B	0.800B	0.443	0.086	0.074	0.027	0.040	0.024	0.030	0.818	0.0388	20
21	0.140B	0.083B	0.600B	0.314	0.077	0.072	0.028	0.047	0.023	0.030	1.08	0.0358	21
22	0.130B	0.088B	0.400B	0.225	0.082	0.486	0.021	0.041	0.029	0.030	0.532	0.0348	22
23	0.180B	0.083B	0.600B	0.179	0.056	0.317	0.244	0.040	0.031	0.030	0.317	0.0338	23
24	0.300B	0.080B	1.70 B	0.150	0.056	0.189	0.094	0.036	0.030	0.029	0.212	0.0328	24
25	0.400B	0.078B	4.81	0.132	0.056	0.112	0.050	0.033	0.030	0.029	0.181	0.0318	25
26	1.30 B	0.080B	3.50	0.123	0.092	0.085	0.038	0.032	0.030	0.028	0.145	0.0308	26
27	0.650B	0.088B	2.82	0.114	0.093	0.073	0.040	0.032	0.032	0.028	0.170	0.0298	27
28	0.560B	0.082B	4.88	0.104	0.084	0.057	0.126	0.031	0.032	0.030	1.25	0.0288	28
29	1.00 B		6.88	0.089	0.052	0.044	0.089	0.027	0.034	0.028	0.742	0.0288	29
30	2.00 B		2.35	0.103	0.268	0.038	0.048	0.026	0.029	0.029	0.442	0.0288	30
31	1.30 B		1.48		0.521		0.038	0.024		0.031		0.0508	31
TOTAL	19.240	8.439	43.711	24.092	3.128	12.408	1.234	1.265	0.793	0.933	14.817	1.882	TOTAL
MEAN	0.621	0.230	1.41	0.803	0.101	0.414	0.040	0.041	0.026	0.030	0.484	0.063	MEAN
MAX	2.50	1.90	6.88	2.48	0.521	3.32	0.244	0.122	0.034	0.068	3.83	0.238	MAX
MIN	0.130	0.078	0.065	0.089	0.052	0.038	0.018	0.024	0.022	0.021	0.033	0.028	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.356
MAXIMUM DAILY, 6.88 ON MAR 29
MINIMUM DAILY, 0.018 ON JUL 15
MAXIMUM INSTANTANEOUS,
10.7 AT 02:58 EST ON MAR 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 17 43 N
LONG 80 58 24 W
DRAINAGE AREA, 36.0 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 860	JUL	107
FEB	658	AUG	109
MAR	3 780	SEP	68.6
APR	2 080	OCT	80.6
MAY	270	NOV	1 280
JUN	1 070	DEC	169

TOTAL DISCHARGE, 11 200 dam³

TROUT CREEK NEAR ST. MARYS - STATION NO. 02GD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.884	0.812	0.720	0.163	0.977	1.01	0.982	1.33	1.05	1.24	1.50	0.883	1
2	0.890	0.821	0.728	0.163	0.982	1.02	0.943	1.33	1.05	1.24	1.49	0.888	2
3	0.885	0.764	0.703	0.385	0.981	1.00	0.951	1.31	1.06	1.25	1.48	0.878	3
4	0.873	0.820	0.748	0.441	0.984	0.982	0.985	1.33	1.05	1.25	1.50	0.875	4
5	0.854	0.834	0.709	0.878	1.00	0.976	0.981	1.28	1.05	1.25	1.49	0.883	5
6	0.883	0.816	0.743	0.884	1.01	0.971	0.978	1.28	1.24	1.25	1.47	0.888	8
7	0.884	0.823	0.783	0.887	0.983	0.981	0.985	1.23	1.24	1.24	1.48	0.878	7
8	0.734	0.833	0.737	0.884	0.982	0.987	0.981	1.18	1.58	1.21	1.45	0.871	8
9	0.722	1.01	0.730	0.896	0.983	1.02	0.994	1.17	1.53	1.19	1.47	1.27	9
10	0.719	1.81	0.528	0.893	0.987	1.02	1.00	1.16	1.48	1.24	1.53	1.28	10
11	0.715	2.33	0.282	0.894	0.988	1.02	1.02	1.14	1.41	1.30A	1.58	1.28	11
12	0.717	2.37	0.263	0.813	0.992	1.03	1.07	1.15	1.37	1.30E	1.47	1.28	12
13	0.704	2.38	0.255	0.915	0.989	1.04	1.07	1.15	1.40	1.30E	1.38	1.28	13
14	0.721	1.78	0.262	1.83	0.985	1.10	1.08	1.13	1.38	1.30E	1.33	1.29	14
15	0.728	1.48	0.298	2.88	1.00	1.08	1.10	1.14	1.38	1.30E	0.992	1.32	15
16	0.715	1.45	0.284	2.87	0.987	1.02	1.14	1.13	1.34	1.30E	0.718	1.32	16
17	0.714	1.41	0.280	2.83	0.984	0.992	1.15	1.10	1.34	1.30E	0.632	1.30	17
18	0.714	1.37	0.268	2.85	0.987	0.984	1.17	1.07	1.32	1.55A	0.526	1.28	18
19	0.721	1.41	0.260	2.84	0.998	0.934	1.21	1.05	1.29	1.55	0.475	1.27	19
20	0.712	1.45	0.260	2.83	0.994	0.915	1.21	1.03	1.25	1.54	0.489	1.28	20
21	0.738	1.48	0.260	2.84	0.985	0.905	1.18	1.01	1.21	1.54	0.483	1.28	21
22	0.727	1.44	0.243	2.85	0.986	0.896	1.16	0.990	1.22	1.55	0.483	1.20	22
23	0.718	1.03	0.257	2.83	0.977	0.884	1.19	0.994	1.23	1.55	0.493	1.15	23
24	0.741	0.780	0.288	2.26	0.970	0.902	1.22	1.02	1.21	1.55	0.521	1.14	24
25	0.735	0.762	0.262	0.891	0.978	0.918	1.26	1.05	1.22	1.56	0.582	1.14	25
26	0.788	0.757	0.273	0.884	1.01	0.941	1.28	1.07	1.22	1.58	0.570	1.12	26
27	0.784	0.744	0.273	0.881	0.995	0.888	1.33	1.07	1.24	1.54	0.597	1.10	27
28	0.803	0.729	0.289	0.875	0.989	0.894	1.33	1.07	1.24	1.54	0.838	1.09	28
29	0.783		0.278	0.884	0.986	0.976	1.33	1.06	1.25	1.54	0.857	1.07	29
30	0.810		0.201	0.894	1.00	0.962	1.34	1.04	1.25	1.54	0.880	1.07	30
31	0.812		0.173		1.01		1.33	1.05		1.51		1.09	31
TOTAL	22.468	34.435	12.573	45.185	30.728	29.407	34.681	35.084	38.48	43.08	30.082	33.480	TOTAL
MEAN	0.725	1.23	0.406	1.51	0.991	0.980	1.13	1.13	1.28	1.39	1.00	1.08	MEAN
MAX	0.812	2.38	0.743	2.87	1.01	1.10	1.34	1.33	1.64	1.55	1.58	1.32	MAX
MIN	0.683	0.729	0.173	0.163	0.970	0.884	0.943	0.990	1.05	1.19	0.475	0.863	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.07
MAXIMUM DAILY, 2.87 ON APR 16
MINIMUM DAILY, 0.163 ON APR 1
MAXIMUM INSTANTANEOUS,
2.89 AT 12:28 EST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 16 50 N
LONG 81 04 48 W
DRAINAGE AREA, 140 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 940	JUL	3 010
FEB	2 880	AUG	3 030
MAR	1 090	SEP	3 320
APR	3 900	OCT	3 720
MAY	2 650	NOV	2 800
JUN	2 540	DEC	2 890

TOTAL DISCHARGE, 33 700 dam³

TROUTLAKE RIVER ABOVE BIG FALLS - STATION NO 08OC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.288	5.048	4.488	4.198	10.8	24.8	16.8	12.1	8.29	9.88	7.72	5.818	1
2	5.288	5.018	4.488	4.198	12.8	23.8	16.3	12.2	9.17	9.56	7.89	5.588	2
3	5.288	5.018	4.458	4.198	16.8	22.5	16.0	13.0	9.16	9.56	7.56	5.518	3
4	5.288	4.988	4.438	4.168	19.5	21.7	15.7	13.2	9.02	9.52	7.53	5.488	4
5	5.288	4.988	4.438	4.168	22.3	21.5	15.7	13.4	8.86	9.66	7.398	5.448	5
6	5.288	4.958	4.408	4.168	22.7	21.1	16.0	13.4	8.68	9.58	7.338	5.418	6
7	5.288	4.958	4.408	4.168	23.2	20.8	15.8	13.2	8.73	9.49	7.298	5.378	7
8	5.288	4.928	4.408	4.148	24.0	20.4	15.8	13.1	8.38	9.42	7.238	5.318	8
9	5.288	4.928	4.388	4.148	24.9	19.9	15.7	13.0	10.1	9.49	7.198	5.248	9
10	5.288	4.898	4.388	4.148	26.0	19.4	15.5	12.8	10.8	9.33	7.198	5.208	10
11	5.288	4.888	4.388	4.128	25.5	19.8	15.4	12.3	11.2	9.30	7.198	5.178	11
12	5.288	4.868	4.388	4.128	27.1	19.6	15.6	12.0	11.4	9.12	7.198	5.148	12
13	5.288	4.838	4.388	4.128	26.6	19.2	15.4	11.7	11.5	8.90	7.198	5.108	13
14	5.258	4.808	4.338	4.128	26.0	19.5	15.2	11.5	11.5	8.85	7.128	5.008	14
15	5.258	4.748	4.338	4.128	24.9	19.7	15.1	11.3	11.5	8.85	7.098	5.948	15
16	5.228	4.718	4.338	4.128	23.6	19.5	15.1	11.3	11.3	8.84	7.098	5.918	16
17	5.228	4.718	4.318	4.098	22.5	18.9	15.1	10.8	11.2	8.87	7.058	5.858	17
18	5.228	4.688	4.318	4.098	21.8	18.3	15.1	10.7	11.1	8.82	7.028	5.828	18
19	5.228	4.658	4.318	4.098	20.7	17.7	14.8	10.8	11.0	8.84	7.028	5.798	19
20	5.198	4.658	4.288	4.148	20.1	18.8	14.6	10.6	10.8	8.82	6.988	5.788	20
21	5.198	4.858	4.288	4.268	18.7	18.5	14.2	10.4	10.7	8.63	6.958	5.708	21
22	5.198	4.628	4.268	4.438	18.9	18.8	14.0	10.4	10.8	8.55	6.828	5.678	22
23	5.168	4.578	4.268	4.748	18.1	17.1	13.7	10.2	10.8	8.48	6.858	5.648	23
24	5.168	4.568	4.268	5.188	17.4	17.0	13.3	9.80	10.5	8.42	6.858	5.618	24
25	5.168	4.568	4.268	5.918	18.1	17.0	13.1	9.80	10.4	8.40	6.828	5.588	25
26	5.138	4.538	4.268	7.38	22.3	17.1	13.0	9.42	10.5	8.42	6.788	5.588	26
27	5.138	4.538	4.248	8.03	25.3	17.5	13.0	9.30	10.4	8.32	6.758	5.558	27
28	5.138	4.508	4.248	8.82	26.3	17.8	12.6	9.13	10.3	8.21	6.718	5.528	28
29	5.108		4.248	9.39	26.8	17.5	12.4	9.12	9.89	8.13	6.688	5.498	29
30	5.108		4.248	9.82	26.4	17.3	12.3	9.28	9.65	7.85	6.658	5.468	30
31	5.078		4.218		25.7		12.2	9.28		7.71		5.438	31
TOTAL	161.73	133.71	134.30	180.83	686.7	574.1	454.2	348.19	310.74	275.89	213.04	184.88	TOTAL
MEAN	5.22	4.78	4.33	5.03	22.2	19.1	14.7	11.2	10.4	8.90	7.10	5.96	MEAN
MAX	5.28	5.04	4.48	9.82	27.1	24.8	16.8	13.4	11.5	9.88	7.72	9.61	MAX
MIN	5.07	4.50	4.21	4.08	10.8	16.5	12.2	9.12	8.29	7.71	6.65	5.43	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.84
MAXIMUM DAILY, 27.1 ON MAY 12
MINIMUM DAILY, 4.08 ON APR 17
MAXIMUM INSTANTANEOUS,
27.3 AT 22 54 CST ON MAY 11

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 54 30 N
LONG 93 05 00 W
DRAINAGE AREA, 2 370 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	14 000	JUL	39 200
FEB	11 600	AUG	30 100
MAR	11 800	SEP	26 800
APR	13 000	OCT	23 800
MAY	59 300	NOV	18 400
JUN	48 800	DEC	19 000

TOTAL DISCHARGE, 313 000 dam³

TURKEY CREEK AT WINDSOR - STATION NO 02EH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.170	0.330	0.108	0.221	0.146	1.41	0.130	0.142	1.12	0.095	0.127	0.117	1
2	0.155	0.257	0.108	0.314	0.161	1.81	0.119	0.136	0.184	0.107	0.121	0.113	2
3	0.1538	0.2048	0.113	1.88	0.162E	2.36	0.127	0.137	0.117	0.101	0.106	0.095	3
4	0.1708	0.1808	0.501	1.08	0.135E	1.21	0.162	0.215	0.102	0.095	0.097	0.093	4
5	0.1858	0.1688	0.223	0.833	0.520E	0.472	0.161	0.132	0.108	0.114	0.273	0.117	5
6	0.202	0.1588	0.1328	0.436	0.370E	0.340	0.157	0.111	0.214	0.118	0.403	0.115	6
7	0.682	0.1528	0.1258	0.369	0.215E	0.261	0.149	0.093	0.481	0.098	0.871	0.113	7
8	0.858	0.1458	0.1188	0.322	0.180E	0.231	0.136	0.109	0.535	0.078	0.274	0.103	8
9	0.283	0.1428	0.1148	0.305	0.155E	0.208	0.107	0.128	0.206	0.080	0.181	0.088	9
10	0.212	0.1388	0.133	0.262	0.138E	0.178	0.191	0.155	0.202	0.732	0.518	0.081	10
11	0.181	0.1348	0.150	0.238	0.122E	0.147	0.135	0.140	0.137	0.137	0.171	0.103	11
12	0.321	0.1308	0.133	0.598	0.238E	0.493	0.160	0.123	0.130	0.112	0.120	0.117	12
13	0.208	0.238	0.131	0.335	0.260E	0.223	0.133	0.105	0.290	0.108	0.124	0.097	13
14	0.166	0.203	0.157	0.284	0.215E	0.173	0.171	0.116	0.458	0.099	0.189	0.0958	14
15	0.228	0.171	0.183	0.262	0.180E	0.448	0.186	0.126	0.185	0.087	1.38	0.0918	15
16	0.186	0.1428	0.180	0.207	0.124	0.488	0.113	0.120	1.47	0.102	0.958	0.0878	16
17	0.167	0.1268	0.208	1.28	0.120	0.228	0.129	0.116	0.806	0.327	0.284	0.0868	17
18	0.185	0.1108	1.45	0.727	0.120	0.199	0.165	0.118	0.185	0.130	0.177	0.0848	18
19	0.214	0.1028	0.308	0.383	0.121	1.38	0.870	0.241	0.160	1.87	0.142	0.0838	19
20	0.208	0.178	0.340	0.304	0.344	0.834	7.02	0.394	0.149	0.436	0.169	0.0829	20
21	0.171	0.347	0.280	0.481	0.108	0.275	0.888	0.135	0.182	0.231	0.128	0.0828	21
22	0.165	0.199	0.227	0.276	0.0928	0.218	0.377	0.176	0.220	0.131	0.122	0.0828	22
23	0.163	0.1178	0.210	0.221	0.104	0.202	0.395	0.133	0.131	0.128	0.116	0.0829	23
24	0.173	0.1128	0.192	0.193	0.113	0.217	0.482	0.116	0.116	0.128	0.117	0.0818	24
25	0.242	0.107	0.180	0.372	1.81	0.188	0.348	0.113	0.114	0.128	0.118	0.0819	25
26	1.13	0.114	0.171	0.226	1.47	1.39	0.803	0.101	0.116	0.116	0.108	0.0819	26
27	0.359	0.100	0.389	0.181	0.270	0.726	0.440	0.089	0.112	0.117	0.260	0.0818	27
28	0.294	0.112	0.680	0.176	0.188	0.246	0.187	0.790	0.112	0.110	0.329	0.0848	28
29	0.412		0.456	0.184	0.150	0.183	0.146	0.538	0.114	0.097	0.127	0.0855	29
30	0.492		0.388	0.145	0.631	0.153	0.160	0.150	0.108	0.111	0.124	0.0898	30
31	0.383		0.279		2.98		0.147	0.138		0.347		1.29	31
TOTAL	9.179	4.814	8.742	12.848	11.823	18.435	14.582	5.534	8.358	8.438	8.284	4.084	TOTAL
MEAN	0.296	0.185	0.282	0.428	0.381	0.548	0.471	0.179	0.279	0.209	0.276	0.132	MEAN
MAX	1.13	0.347	1.45	1.88	2.98	2.38	7.02	0.790	1.47	1.87	1.38	1.29	MAX
MIN	0.155	0.100	0.108	0.145	0.0928	0.147	0.107	0.089	0.102	0.078	0.097	0.081	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.304
MAXIMUM DAILY, 7.02 ON JUL 20
MINIMUM DAILY, 0.078 ON OCT 8
MAXIMUM INSTANTANEOUS,
13.2 AT 01:49 EST ON JUL 20

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 15 36 N
LONG 83 02 34 W
DRAINAGE AREA, 29.8 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	793	JUL	1 280
FEB	389	AUG	478
MAR	785	SEP	722
APR	1 110	OCT	559
MAY	1 020	NOV	716
JUN	1 420	DEC	383

TOTAL DISCHARGE, 9 590 dam³

TURTLE RIVER NEAR MINE CENTRE - STATION NO. 05PB014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	34.4	29.9	22.8	20.4	137 E	67.8	112	48.1	26.7	18.9	15.5	12.9	1
2	34.2	29.6	22.5	20.7	138 A	65.1	114	48.1	26.8	20.1	15.3	12.7	2
3	34.0	29.1	22.3	20.9	136 E	63.1	114	46.0	26.2	20.3	15.4	12.6	3
4	33.8	28.7	22.1	21.2	133 A	60.8	113	45.4	26.2	20.7	15.2	12.5	4
5	33.7	28.5	21.8	21.9	128	59.3	111	43.9	26.1	21.1	14.9	12.5	5
6	33.6	28.4	21.7	23.0	124	57.5	111	42.7	26.3	20.8	14.9	12.3	6
7	33.7	28.2	21.5	24.4	121	56.3	111	41.7	25.8	21.2	14.9	12.2	7
8	33.7	27.9	21.5	25.5	117	54.6	108	41.0	25.2	21.3	15.1	12.1	8
9	33.3	27.7	21.4	26.8	113	53.4	105	40.1	24.8	21.2	15.1	12.1	9
10	33.2	27.5	21.3	27.3	110	52.5	101	39.0	24.2	21.2	15.3	12.1	10
11	33.2	27.3	21.2	27.8A	107	51.4	97.4	37.8	24.0	21.0	14.8	12.0	11
12	33.3	27.2	21.1	28.6E	105	51.0	93.8	36.7	25.1	20.6	15.4	11.9A	12
13	33.1	26.8	21.1	31.2E	102	52.2	90.6	36.0	26.3	20.6	15.5	11.8	13
14	33.0	26.5	20.8	32.9E	98.8	55.7	87.2	35.2	26.6	20.4	15.5	11.6	14
15	32.7	26.1	20.7	34.6E	96.0	59.4	83.6	34.4	26.9	20.1	15.4	11.6	15
16	32.3	25.8	20.6	36.3E	96.2	60.3	80.6	33.7	26.8	19.7	15.2	11.7	16
17	32.3	25.5	20.4	38.0E	94.5	60.1	77.2	33.0	26.2	19.4	15.1	11.8	17
18	32.5	25.3	20.2	39.7A	91.8	59.1	74.3	32.1	25.7	19.2	14.9	11.9	18
19	32.8	25.0	20.0	46.6E	90.1	58.1	71.6	31.2	24.5	18.9	14.8	11.8	19
20	32.3	24.7	19.9	53.8E	88.1	57.1	69.4	30.1	23.8	18.5	14.7	11.8	20
21	32.3	24.5	19.8	61.5E	86.3	58.6	67.1	29.7	23.5	18.4	14.5	11.8	21
22	32.0	24.1	19.6	70.1E	84.6	63.1	64.7	29.1	22.8	18.2	14.3	11.8	22
23	31.8	23.8	19.6	79.5E	82.3	69.7	62.3	28.7	23.2	17.8	14.1	11.8	23
24	31.4	23.7	19.6	89.7E	80.7	74.4	60.2	28.1	23.1	17.7	14.0	11.8	24
25	31.4	23.8	19.3	99.9A	80.0	78.6	58.0	27.3	22.2	17.5	13.9	11.8	25
26	31.4	23.6	19.3	112	78.7	84.0	55.8	26.6	22.2	17.6	13.6	11.8	26
27	31.1	23.1	19.3	122	77.8	90.1	53.4	25.9	21.8	17.3	13.4	11.4A	27
28	31.0	23.0	19.4	130 A	76.0	94.8	51.9	25.8	21.0	16.8	13.3	11.4E	28
29	30.7		19.6	133 E	73.8	98.7	50.3	26.0	20.7	16.2	13.2	11.3E	29
30	30.5		20.1	135 E	71.8	106	48.7	25.6	20.4	16.0	13.1	11.2E	30
31	30.4		20.3		69.8		47.3	25.9		15.7		11.1A	31
TOTAL	1 008.8	735.4	640.7	1 835.2	3 080.3	1 972.3	2 549.9	1 071.0	734.7	595.2	440.3	367.0	TOTAL
MEAN	32.5	26.3	20.7	54.5	99.7	65.7	82.1	34.8	24.5	19.2	14.7	11.8	MEAN
MAX	34.4	29.9	22.8	135	138	106	114	48.1	26.9	21.3	15.5	12.9	MAX
MIN	30.4	23.0	19.3	20.4	69.8	51.0	47.3	25.8	20.4	15.7	13.1	11.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 60.7
MAXIMUM DAILY, 139A ON MAY 2
MINIMUM DAILY, 11.1A ON DEC 31

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 51 00 N
LONG 92 43 30 W
DRAINAGE AREA, 4 870 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	87 200	JUL	220 000
FEB	63 500	AUG	92 600
MAR	85 400	SEP	83 500
APR	141 000	OCT	51 400
MAY	267 000	NOV	38 000
JUN	170 000	DEC	31 700

TOTAL DISCHARGE, 1 280 000 dam³

TWENTY MILE CREEK ABOVE SMITHVILLE - STATION NO. 02HA020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.84	2.65	0.118	7.70	0.195	0.123	0.135	1.13	0	0.053	0.212	0.934	1
2	0.886	1.88 B	0.103	4.85	0.286	0.535	0.106	0.503	0	0.050	0.187	0.463	2
3	0.5848	1.28 B	0.088	4.37	0.411	0.528	0.087	0.264	0	0.047	0.138	0.382	3
4	0.4848	1.10 B	0.081	5.20	0.473	0.765	0.071	0.172	0	0.037	0.125	0.242	4
5	0.4528	0.7008	0.837	5.42	0.493	0.717	0.069	0.120	0	0.024	0.114	0.187	5
6	0.2308	0.4008	1.18 B	5.20	0.507	0.535	0.047	0.091	0	0.014	0.113	0.185	6
7	0.233	0.2808	0.8108	3.17	1.80	0.387	0.033	0.068	0	0.003	0.117	0.144	7
8	2.30 B	0.2018	0.4208	2.15	5.50	0.287	0.028	0.054	0	0.005	0.251	0.121	8
9	2.92 B	0.1808	0.2108	1.51	4.56	0.246	0.021	0.047	0	0.005	1.18	0.109	9
10	2.64 B	0.1308	0.3608	1.10	2.84	1.28	0.015	0.038	0	0.008	1.72	0.106	10
11	1.84 B	0.1108	1.35	0.840	4.00	1.42	0.007	0.031	0	0.011	2.10	0.108	11
12	1.38	0.118	2.35 B	0.683	15.5	0.473	0.015	0.025	0	0.010	1.85	0.100	12
13	0.9588	0.118	2.85 B	0.508	14.2	0.198	0.012	0.017	0	0.003	1.35	0.098	13
14	0.7788	0.225	2.65	0.578	6.56	0.146	0.009	0.005	0	0	0.859	0.089	14
15	0.582	0.486	3.78	0.704	4.03	0.106	0.009	0.005	0	0	2.18	0.0908	15
16	0.440	0.6228	3.20 B	0.747	2.84	0.091	0.008	0.001	0	0	3.50	0.0888	16
17	0.331	0.4808	2.44	0.743	1.86	0.086	0.008	0	0	0.002	4.78	0.0888	17
18	0.260	0.3108	2.86	1.05	0.942	0.083	0.001	0	0	0.018	4.89	0.0848	18
19	0.261	0.233	3.40 B	0.984	0.565	0.080	0	0	0	0.031	3.12	0.0828	19
20	0.254	0.178	3.32	0.788	0.406	0.091	0.013	0	0	0.198	3.79	0.0808	20
21	0.233	0.324	2.81	0.881	0.294	0.176	0.021	0	0	0.255	3.36	0.0788	21
22	0.192	0.5408	2.45	0.480	0.230	0.710	0.008	0	0.486A	0.368	2.27	0.0788	22
23	0.185	0.5848	3.13	0.332	0.188	0.820	0.004	0	2.56	0.331	1.38	0.0748	23
24	0.158	0.4858	4.82	0.288	0.202	1.16	0	0	1.20	0.257	0.674	0.0728	24
25	0.152	0.2858	5.85	0.288	0.203	0.567	0	0	0.891	0.194	0.390	0.0708	25
26	0.838	0.188	5.34	0.240	0.183	0.319	0.028	0	0.251	0.297	0.242	0.0748	26
27	2.28	0.154	5.90	0.213	0.153	0.302	0.045	0	0.126	0.324	0.208	0.0788	27
28	2.22	0.143	5.98	0.197	0.124	0.260	0.008	0	0.073	0.257	0.925	0.0828	28
29	1.64		6.93	0.204	0.115	0.202	0.288	0	0.043	0.211	1.13	0.0888	29
30	1.65		7.59	0.200	0.143	0.174	3.26	0	0.043	0.158	1.26	0.0908	30
31	2.36		8.07		0.180		2.36	0		0.158		0.1208	31
TOTAL	32.138	14.343	98.348	57.601	70.584	12.995	8.702	2.554	5.474	3.340	44.505	4.869	TOTAL
MEAN	1.04	0.512	3.11	1.92	2.28	0.432	0.218	0.083	0.182	0.108	1.48	0.151	MEAN
MAX	2.92	2.65	8.34	8.42	15.5	1.42	3.26	1.13	2.56	0.368	4.89	0.934	MAX
MIN	0.152	0.110	0.081	0.197	0.115	0.080	0	0	0	0	0.113	0.070	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.862
MAXIMUM DAILY, 15.5 ON MAY 12
MINIMUM DAILY, 0 ON JUL 19
MAXIMUM INSTANTANEOUS,
18.9 AT 20:00 EST ON MAY 12

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 08 54 N
LONG 79 33 55 W
DRAINAGE AREA, 195 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 780	JUL	679
FEB	1 340	AUG	232
MAR	3 320	SEP	473
APR	4 980	OCT	288
MAY	6 100	NOV	3 850
JUN	1 120	DEC	406

TOTAL DISCHARGE, 30 400 dam³

TWENTY MILE CREEK AT BALLS FALLS - STATION NO 02HA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.19	3.95	0.2605	19.7	0.384	0.881	0.277	1.63	0.005	0.128	0.243	1.80	1
2	1.80	3.83	0.2808	11.7	0.857	12.3	0.241	1.07	0.017	0.121	0.248	1.40 B	2
3	1.26 B	2.25 B	0.2308	8.01	1.22	7.33	0.218	0.828	0.006	0.086	0.268	1.14 B	3
4	0.9708	1.72 B	0.2708	17.8	1.19	3.79	0.203	0.588	0.003	0.085	0.261	0.9408	4
5	0.8808	1.55 B	2.10	18.0	1.14	2.04	0.208	0.258	0.002	0.080	0.263	0.7208	5
6	0.7708	1.00 B	4.28	10.7	1.08	1.48	0.180	0.180	0.001	0.080	0.238	0.5008	6
7	0.887	0.7408	2.65 B	5.85	2.48	1.10	0.135	0.131	0.001	0.083	0.216	0.4008	7
8	2.80 B	0.8508	1.76 B	3.75	18.2	0.882	0.125	0.088	0.001	0.082	0.280	0.3808	8
9	8.30 B	0.8408	1.05 B	3.87	13.8	0.671	0.106	0.082	0.001	0.087	1.48	0.3008	9
10	4.20 B	0.805	1.13 B	2.04	8.28	4.84	0.100	0.047	0.001	0.080	3.45	0.2808	10
11	3.00 B	0.435	2.40 B	1.84	5.73	2.84	0.085	0.037	0	0.103	3.01	0.2208	11
12	2.00 B	0.374	4.00 B	1.37	34.5	1.88	0.077	0.035	0	0.041	2.98	0.1818	12
13	1.70 B	0.385	4.15 B	1.22	24.2	1.30	0.072	0.031	0	0.042	3.48	0.1858	13
14	1.40 B	0.444	4.18 B	1.12	13.5	0.803	0.068	0.030	0	0.038	2.00	0.1508	14
15	1.00	0.713	5.83	1.15	8.41	0.550	0.051	0.028	0.004	0.038	3.14	0.1408	15
16	0.8008	1.03 B	5.78 B	1.41	4.05	0.453	0.043	0.024	0.008	0.040	8.21	0.1258	16
17	0.6808	1.04 B	4.07	1.41	3.83	0.407	0.031	0.021	0.013	0.041	8.27	0.1148	17
18	0.5808	1.04 B	7.13	2.28	1.87	0.385	0.017	0.013	0.013	0.071	5.28	0.1068	18
19	0.486	1.01	8.80	3.24	1.29	0.310	0.010	0.008	0.014	0.088	5.08	0.1008	19
20	0.4608	0.815	5.78	1.76	0.974	0.387	0.018	0.004	0.018	0.105	7.77	0.0888	20
21	0.4408	1.02	6.13	1.38	0.800	0.475	0.012	0.002	0.018	0.183	10.3	0.0828	21
22	0.4108	1.86	5.18	1.16	0.657	1.77	0.017	0.002	0.027	0.780	6.18	0.0808	22
23	0.378	1.04 B	5.60	0.874	0.574	3.12	0.015	0.002	1.23	0.810	3.58	0.0848	23
24	0.356	0.8808	8.50	0.890	0.490	2.06	0.013	0.001	3.88	0.888	2.36	0.0868	24
25	0.3008	0.8308	12.3	0.695	0.431	1.53	0.010	0.001	1.78	0.848	1.83	0.0848	25
26	0.778	0.4208	15.9	0.537	0.438	1.08	0.013	0.002	1.14	0.407	1.30	0.0828	26
27	2.28	0.3508	13.5	0.447	0.384	0.893	0.027	0.001	0.648	0.308	1.24	0.0808	27
28	2.81	0.3308	11.1	0.398	0.318	0.813	0.018	0.001	0.377	0.305	1.87	0.0908	28
29	3.41		11.2	0.378	0.261	0.408	0.018	0.001	0.258	0.312	2.92	0.1008	29
30	2.42		12.8	0.387	0.255	0.333	0.020	0.001	0.184	0.248	2.07	0.1308	30
31	3.17		17.7		0.801		0.789	0.001		0.255		0.1808	31
TOTAL	69.794	30.351	188.140	123.643	151.251	55.470	3.224	4.722	9.405	5.277	88.596	10.289	TOTAL
MEAN	1.81	1.08	6.00	4.12	4.88	1.85	0.104	0.152	0.314	0.202	2.86	0.332	MEAN
MAX	8.30	3.95	17.7	19.7	34.5	12.3	0.789	1.63	3.88	0.810	10.3	1.80	MAX
MIN	0.300	0.330	0.230	0.387	0.255	0.310	0.010	0.001	0	0.038	0.216	0.080	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 1.97
MAXIMUM DAILY, 34.5 ON MAY 12
MINIMUM DAILY, 0 ON SEP 11
MAXIMUM INSTANTANEOUS,
38.3 AT 10:58 EST ON MAY 12

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 08 02 N
LONG 79 22 00 W
DRAINAGE AREA, 283 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 300	JUL	278
FEB	2 620	AUG	406
MAR	16 100	SEP	813
APR	10 700	OCT	542
MAY	13 100	NOV	7 650
JUN	4 790	DEC	890

TOTAL DISCHARGE, 82 200 dam³

VENISON CREEK NEAR WALSINGHAM - STATION NO. 02CC021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.02	1.17	0.6338	1.44	0.843	1.09	0.638E	0.384	0.578	0.531	0.647	0.685	1
2	0.986	1.11	0.6278	1.37	0.845	1.15	0.617E	0.384	0.606	0.587	0.651	0.685	2
3	0.963	0.979	0.6258	1.86	0.801	1.20	0.602E	0.376	0.676	0.543	0.647	0.653	3
4	0.9618	0.905	0.769	2.31	0.882	1.23	0.613E	0.445	0.495	0.534	0.647	0.6068	4
5	0.9228	0.868	1.14	1.97	0.905	1.09	0.606E	0.481	0.473	0.530	0.646	0.7868	5
6	0.8928	0.856	0.9048	1.82	0.937	0.882	0.576E	0.488	0.478	0.532	0.663	0.7838	6
7	0.8218	0.841	0.8268	1.62	0.912	0.906	0.562E	0.445	0.483	0.531	0.688	0.7618	7
8	1.29	0.8008	0.7838	1.33	0.915	0.940	0.535E	0.431	0.477	0.536	0.710	0.7418	8
9	1.28 E	0.7958	0.762	1.26	0.904	0.821	0.525E	0.416	0.477	0.542	0.760	0.7278	9
10	1.03 E	0.7908	0.787	1.24	0.918	0.845	0.500E	0.400	0.474	0.748	0.878	0.731	10
11	0.934E	0.7858	0.774	1.20	0.934	0.785	0.488E	0.387	0.470	0.725	0.907	0.735	11
12	1.08 A	0.784	0.768	1.20	0.973	0.771	0.388A	0.388	0.470	0.811	0.855	0.730	12
13	1.02	0.783	0.781	1.28	0.937	0.834	0.327	0.308	0.481	0.888	0.803	0.720	13
14	0.9248	0.840	0.814	1.33	0.907	0.811	0.314	0.323	0.486	0.878	0.788	0.7088	14
15	0.9018	0.912	0.886	1.28	0.888	0.812	0.288	0.345	0.508	0.880	1.23 E	0.6988	15
16	0.8818	0.8408	0.867	1.28	0.874	0.867	0.288	0.385	0.489	0.880	1.84 A	0.6888	16
17	0.870	0.7908	0.884	1.23	0.856	0.6488	0.318	0.314	0.802	0.830	1.58	0.6768	17
18	0.872	0.7608	1.15	1.33	0.840	0.6928	0.284	0.300	0.528	0.840	1.22	0.6668	18
19	0.901	0.735	1.03 B	1.25	0.811	0.6568	0.259	0.274	0.488	0.852	1.06	0.6568	19
20	0.934	0.732	0.9918	1.16	0.838	0.6228	0.443	0.281	0.481	0.844	1.08	0.6428	20
21	0.8905	0.798	0.8738	1.12	0.830	0.785E	0.474	0.368	0.488	1.28	1.11	0.6368	21
22	0.847	0.783	0.8578	1.08	0.787	1.37 E	0.478	0.374	0.868	1.01	1.01	0.6308	22
23	0.832	0.7388	0.8588	1.06	0.833	1.12 E	0.471	0.417	0.857	0.838	0.937	0.6238	23
24	0.814	0.8838	0.851	1.02	0.882	0.868E	0.444	0.428	0.801	0.770	0.894	0.6148	24
25	0.813	0.8768	1.04	0.994	0.835	0.853E	0.370	0.424	0.884	0.728	0.877	0.6068	25
26	1.28	0.8588	1.10	1.01	0.886	0.788E	0.388	0.413	0.884	0.702	0.808	0.6028	26
27	1.21	0.8488	1.14	1.00	0.8868	0.7908	0.383	0.400	0.844	0.882	0.801	0.5968	27
28	1.02	0.8408	1.24	0.884	0.8338	0.7148	0.371	0.422	0.840	0.868	1.06	0.5928	28
29	1.00		1.38	0.858	0.7968	0.6828	0.362	0.508	0.831	0.861	0.887	0.5888	29
30	1.14		1.39	0.851	0.8038	0.6828	0.317	0.488	0.827	0.867	0.938	0.5608	30
31	1.19		1.48		1.20 A		0.388	0.443		0.855		0.870	31
TOTAL	30.858	22.833	28.407	38.127	27.884	27.368	13.840	12.104	15.129	30.898	28.008	21.884	TOTAL
MEAN	0.988	0.818	0.868	1.27	0.899	0.909	0.437	0.390	0.538	0.888	0.934	0.705	MEAN
MAX	1.28	1.17	1.48	2.31	1.20	1.37	0.638	0.508	0.887	1.28	1.84	0.885	MAX
MIN	0.813	0.840	0.828	0.851	0.786	0.682	0.259	0.274	0.481	0.530	0.647	0.588	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.785
MAXIMUM DAILY, 2.31 ON APR 4
MINIMUM DAILY, 0.238 ON JUL 19
MAXIMUM INSTANTANEOUS,
2.67 AT 22:58 EST ON SEP 22

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 40 27 N
LONG 80 36 00 W
DRAINAGE AREA, 88.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 860	JUL	1 170
FEB	1 970	AUG	1 080
MAR	2 540	SEP	1 280
APR	3 280	OCT	1 700
MAY	2 410	NOV	2 420
JUN	2 380	DEC	1 880

TOTAL DISCHARGE, 24 800 dam³

VERMILION RIVER AT LORNE FALLS - STATION NO. 02CF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	38.6	27.8	17.8	85.6	148	80.5	54.4	5.38	7.84	3.08	15.1	14.5	1
2	34.9	27.6	14.8	91.4	167	89.2	50.1	14.4	7.28	3.34	7.93	15.5	2
3	34.5	27.2	17.8	94.6	156	87.7	47.0	10.9	5.75	3.00	7.73	15.3	3
4	33.3	26.0	17.0	108	140	86.5	39.4	12.4	7.42	2.85	8.48	15.1	4
5	32.8	25.5	16.5	116	138	83.9	42.1	12.5	8.27	0.838	8.50	14.9	5
6	30.3	25.0	17.8	148	134	83.1	42.0	11.5	8.87	0.283	9.91	14.3	6
7	29.8	25.5	17.0	138	134	82.8	44.0	11.5	8.86	2.38	11.5	15.1	7
8	32.5	24.9	17.9	138	130	82.0	43.4	11.9	8.57	2.44	10.1	12.3	8
9	31.9	24.5	16.7	152	127	81.8	42.2	13.0	7.42	2.44	11.0	11.8	9
10	33.4	24.2	16.7	131	121	82.7	42.1	12.0	7.80	2.29	12.4	11.8	10
11	32.6	24.8	16.7	131	118	85.1	39.0	11.8	7.65	1.90	10.5	11.8	11
12	34.9	24.4	13.8	125	111	89.8	37.0	12.8	8.85	1.81	8.52	14.8	12
13	33.8	22.9	15.6	113	107	85.3	36.2	11.9	8.46	1.53	13.3	9.87	13
14	33.0	22.9	16.8	106	102	71.4	36.3	12.1	8.82	2.89	14.7	15.1	14
15	34.1	19.7	18.4	99.9	92.2	71.4	34.1	11.1	8.00	3.85	15.4	11.0	15
16	31.4	22.6	19.1	86.1	85.3	75.8	33.1	7.99	6.09	3.89	15.3	9.32	16
17	32.3	23.3	18.5	106	89.5	84.2	18.8	8.95	5.86	4.47	14.8	9.32	17
18	30.7	20.7	18.0	108	90.6	103	20.2	10.7	6.20	2.75	15.1	10.8	18
19	31.2	19.3	18.0	143	129	129	19.5	11.2	6.72	2.82	15.1	11.9	19
20	30.9	17.7	19.1	150	98.5	154	17.8	11.1	4.26	3.34	15.3	11.5	20
21	29.7	18.6	20.4	148	81.8	167	19.0	10.3	4.33	3.06	14.3	11.9	21
22	29.4	17.2	19.7	155	84.1	170	16.7	8.77	3.26	3.28	17.3	9.06	22
23	28.7	17.5	18.0	147	85.6	164	14.8	8.34	4.13	7.28	19.1	7.87	23
24	28.3	16.9	20.8	151	85.5	144	15.4	8.34	6.88	4.84	13.3	8.82	24
25	28.3	16.6	20.8	155	83.8	138	14.2	8.20	6.80	2.01	13.6	7.19	25
26	28.9	15.7	21.5	148	82.5	118	12.5	9.06	3.85	7.48	14.8	7.11	26
27	27.6	15.2	20.1	148	81.8	111	11.2	8.89	3.17	9.29	17.8	7.42	27
28	28.1	15.5	21.1	134	88.8	92.7	12.6	9.15	3.17	8.81	18.4	7.38	28
29	26.9		22.8	150	88.9	78.5	12.3	9.26	3.57	6.77	15.4	7.82	29
30	27.4		22.5	159	88.0	62.9	12.3	8.72	3.17	7.06	16.8	8.46	30
31	26.8	---			80.5		14.7	8.16		7.38		9.34	31
TOTAL	961.6	613.6	---	3 882.6	2 924.4	2 665.3	833.5	329.27	179.25	118.501	400.75	343.86	TOTAL
MEAN	31.0	21.9	---	129	94.3	88.8	26.9	10.5	5.98	3.76	13.4	11.1	MEAN
MAX	38.6	27.8	---	159	167	170	54.4	14.4	8.95	9.29	19.1	15.5	MAX
MIN	26.8	15.2	---	85.6	80.5	61.9	11.2	5.24	3.17	0.283	6.48	6.48	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 170 ON JUN 22
MINIMUM DAILY, 0.283 ON OCT 6

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 18 55 N
LONG 81 31 16 W
DRAINAGE AREA, 4 190 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	83 100	JUL	72 000
FEB	53 000	AUG	36 300
MAR	---	SEP	15 500
APR	335 000	OCT	10 100
MAY	253 000	NOV	34 600
JUN	230 000	DEC	29 700

DATA CONTRIBUTED BY -
INTERNATIONAL NICKEL COMPANY OF CANADA LIMITED

REGULATED

REMARKS - INCLUDES ONAPING LAKE BASIN. EXTREME HIGH WATER SPILLED INTO SPANISH RIVER SYSTEM

VERMILION RIVER NEAR VAL CARON - STATION NO. 02CF011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.80B	5.85B	4.25B	6.55B	40.9E	17.9	10.1	3.87	3.29	2.09E	2.65	4.35B	1
2	9.60B	5.80B	4.20B	6.40B	38.1A	17.9	14.9	4.68	3.17	2.10E	2.80	4.31B	2
3	9.65B	5.75B	4.18B	6.38B	37.8	18.1	13.7	5.34	3.14	2.07E	2.83	4.28B	3
4	9.55B	5.85B	4.15B	7.80B	36.4	16.8	12.9	5.61	3.09	2.17E	2.82	4.25B	4
5	9.45B	5.80B	4.10B	9.50B	35.8	15.5	12.2	5.19	3.82	2.24E	2.98	4.21B	5
6	9.35B	5.55B	4.07B	11.7 A	37.0	14.6	11.5	4.79	2.80	2.34	3.21	4.18B	6
7	9.30B	5.50B	4.03B	12.1 A	36.0	13.8	11.0	4.44	2.77	2.33	3.42	4.15B	7
8	9.35B	5.40B	3.98B	14.0 E	37.1	13.2	10.4	4.25	2.75	2.28E	3.51	4.12B	8
9	9.40B	5.35B	3.95B	13.8 E	35.0	13.4	9.80	4.14	3.01	2.18E	3.55	4.09B	9
10	9.00B	5.30B	3.92B	13.8 E	32.6	19.1	9.57	4.02	3.48	2.31E	3.60	4.06B	10
11	8.60B	5.20B	3.88B	13.4 E	30.1	27.8	9.13	3.95	3.33	2.36	3.60	4.03B	11
12	8.30B	5.15B	3.85B	13.2 E	28.0	28.8	8.86	3.86	3.12	2.43	3.77	4.00B	12
13	7.80B	5.10B	3.82B	12.9 E	26.6	24.2	8.10	3.80	2.85	2.50	3.85	3.97B	13
14	7.70B	5.05B	3.80B	12.8 E	25.8	22.4	7.86	3.64	2.87	2.49	3.98	3.93B	14
15	7.50B	5.01B	4.16B	12.8 E	24.7	20.8	7.21	3.72	2.77	2.28E	4.00	3.80B	15
16	7.30B	4.95B	4.15B	13.2 E	23.6	20.2	6.82	3.82	2.72	2.37	4.46	3.68B	16
17	7.05B	4.90B	4.05B	16.5 E	22.1	33.3	6.50	3.80	2.68	2.36	4.95B	3.65B	17
18	6.85B	4.85B	3.98B	22.0 E	20.8	54.3	6.54	3.47	2.84	2.31E	4.90B	3.64B	18
19	6.65B	4.78B	3.92B	23.5 E	19.5	55.0	7.14	3.36	2.81	2.28E	4.80B	3.62B	19
20	6.50B	4.70B	3.88B	25.0 E	18.5	50.9	6.82	3.25	2.70	2.51	4.69	3.79B	20
21	6.35B	4.65B	3.80B	27.5 E	18.6	44.8	6.10	3.21	2.71	2.79	4.70B	3.76B	21
22	6.25B	4.60B	3.72B	28.5 E	19.5	38.0	5.71	3.25	2.64	2.79	4.65B	3.72B	22
23	6.10B	4.55B	3.75B	29.5 E	19.7	34.4	5.43	3.51	2.46	2.78	4.80B	3.70B	23
24	6.00B	4.50B	3.95B	32.0 E	19.2	30.9	5.10	3.60	2.43	2.69	4.58B	3.68B	24
25	5.90B	4.47B	4.30B	36.0 E	18.5	28.3	4.82	3.92	2.36	2.83	4.55B	3.65B	25
26	5.85B	4.42B	4.90B	36.5 E	18.1	26.0	4.75	3.33	2.33	2.86	4.52B	3.62B	26
27	5.80B	4.38B	5.50B	42.0 E	18.3	23.8	4.59	3.20	2.19A	2.72	4.49B	3.59B	27
28	5.75B	4.35B	7.00B	44.0 E	18.7	21.3	4.43	3.16	2.16E	2.68	4.45B	3.57B	28
29	5.70B		8.85B	42.5 E	18.0	18.8	4.26	3.14	2.12E	2.64	4.40B	3.55B	29
30	5.70B		8.65B	41.5 E	17.4	17.3	4.11	3.05	2.08E	2.56	4.39B	3.52B	30
31	5.80B		8.70B		17.5		3.84	3.10		2.57		3.49B	31
TOTAL	234.30	141.38	137.61	631.73	811.1	781.2	248.78	118.89	82.40	75.59	118.49	120.86	TOTAL
MEAN	7.56	5.05	4.44	21.1	26.2	26.0	8.06	3.84	2.75	2.44	3.95	3.90	MEAN
MAX	9.80	5.85	7.00	44.0	40.5	55.9	10.1	5.61	3.48	2.79	4.95	4.35	MAX
MIN	5.70	4.35	3.72	6.38	17.4	13.2	3.84	3.05	2.08	2.07	2.62	3.49	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.80
MAXIMUM DAILY, 55.9 ON JUN 19
MINIMUM DAILY, 2.07E ON OCT 3
MAXIMUM INSTANTANEOUS,
57.2 AT 01:35 EST ON JUN 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 41 07 N
LONG 81 00 32 W
DRAINAGE AREA, 704 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20 200	JUL	21 800
FEB	12 200	AUG	10 300
MAR	11 800	SEP	7 120
APR	54 600	OCT	8 530
MAY	70 100	NOV	10 200
JUN	67 800	DEC	10 400

TOTAL DISCHARGE, 303 000 dam³

REMARKS - DATA PRIOR TO 1980 CONTRIBUTED BY ONT. MINISTRY OF THE ENVIRONMENT AND FORMERLY PUBLISHED UNDER STA. NO. 02CF101

VEUVE RIVER NEAR VERNER - STATION NO. 02DD012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.308	4.858	2.228	53.18	24.7	8.20	3.23	0.383	0.388	0.851	1.88	2.80 B	1
2	4.108	4.708	2.198	47.88	22.3	7.88	2.71	0.405	0.378	0.805	1.88	2.48 B	2
3	3.858	4.508	2.168	46.88	19.8	7.65	2.46	0.453	0.368	0.850	1.58	2.30 B	3
4	3.858	4.308	2.128	65.88	17.1	7.88	2.28	0.588	0.337	0.858	1.88	2.30 B	4
5	3.758	4.158	2.088	84.38	16.4	7.04	2.21	0.745	0.344	0.701	1.83	2.10 B	5
6	3.658	4.058	2.048	101 B	18.0	6.30	3.76	0.786	0.352	0.895	2.66	2.00 B	6
7	3.608	3.908	2.008	104 B	17.7	5.67	2.87	0.628	0.357	0.885	4.28	2.20 A	7
8	3.808	3.788	1.988	82.18	16.7	4.80	2.44	0.531	0.371	0.888	4.43	1.87	8
9	7.67	3.658	1.948	64.88	17.7	5.80	2.07	0.478	0.387	0.843	4.18	1.78	9
10	7.83	3.508	1.928	58.88	14.3	24.0	1.74	0.428	0.488	1.04	3.88	1.84 B	10
11	7.58	3.408	1.888	55.88	11.5	26.0	1.51	0.387	0.477	1.25	3.85	1.53 B	11
12	7.15	3.308	1.878	47.08	10.4	17.7	1.36	0.372	0.526	1.41	4.25	1.43 B	12
13	6.78	3.228	1.858	38.58	10.1	11.7	1.31	0.348	0.601	1.43	3.88	1.36 B	13
14	6.50	3.128	2.048	35.38	10.2	9.20	1.01	0.328	0.681	1.51	3.61	1.28 B	14
15	6.31	3.068	8.048	39.7	10.4	8.15	0.820	0.382	0.877	1.84	3.53	1.24 B	15
16	6.03	2.988	8.568	47.8	10.4	7.70	0.834	0.483	0.883	2.07	4.74	1.16 B	16
17	5.88	2.928	7.358	68.2	9.93	10.2	0.678	0.858	0.805	2.03	5.48	1.12 B	17
18	5.71	2.868	7.688	78.7	8.18	20.2	0.428	0.885	0.582	1.78	5.83	1.08 B	18
19	5.808	2.788	7.088	86.9	8.84	18.7	0.480	1.01	0.531	1.84	5.408	1.04 B	19
20	5.388	2.738	6.528	84.8	7.83	14.7	0.432	0.811	0.491	1.84	5.108	1.00 B	20
21	5.308	2.678	5.968	80.0	10.8	11.7	0.451	0.846	0.440	2.34	4.808	0.9708	21
22	5.188	2.628	5.808	64.5	22.8	10.5	0.431	0.421	0.411	2.53	4.458	0.9368	22
23	5.108	2.548	5.228	38.1	20.4	11.1	0.433	0.401	0.420	2.85	4.208	0.9008	23
24	4.858	2.528	5.028	34.4	14.8	10.2	0.573	0.388	0.423	2.75	3.908	0.8808	24
25	4.808	2.488	5.188	34.4	11.5	9.17	0.877	0.338	0.488	2.89	3.858	0.8808	25
26	4.658	2.408	5.868	35.7	13.6	8.28	0.917	0.324	0.531	3.48	3.458	0.8408	26
27	4.758	2.358	10.0 B	38.4	15.5	7.80	1.18	0.352	0.524	3.17	3.268	0.8308	27
28	4.708	2.328	39.3 B	36.4	12.1	6.65	1.04	0.386	0.529	1.95	3.108	0.8208	28
29	4.658		54.4 B	31.6	8.78	5.24	0.814	0.373	0.539	1.79	2.908	0.8088	29
30	4.608		60.8 B	27.5	8.83	4.08	0.818	0.382	0.536	1.67	2.758	0.7808	30
31	4.658		58.8 B		8.16		0.442	0.376		1.62		0.7808	31
TOTAL	163.11	91.72	324.83	1 852.8	434.83	313.78	42.818	15.580	14.351	49.044	109.44	42.920	TOTAL
MEAN	5.26	3.28	10.5	55.1	14.0	10.5	1.38	0.503	0.478	1.58	3.65	1.38	MEAN
MAX	7.83	4.85	60.8	104	24.7	26.0	3.76	1.01	0.777	2.75	5.83	2.80	MAX
MIN	3.80	2.32	1.88	27.5	7.83	4.08	0.431	0.324	0.337	0.851	1.58	0.780	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.82
MAXIMUM DAILY, 1048 ON APR 7
MINIMUM DAILY, 0.338 ON AUG 14

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 24 07 N
LONG 80 06 00 W
DRAINAGE AREA, 741 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 100	JUL	3 710
FEB	7 920	AUG	1 350
MAR	28 000	SEP	1 240
APR	143 000	OCT	4 240
MAY	37 600	NOV	9 460
JUN	27 100	DEC	3 710

TOTAL DISCHARGE, 281 000 dam³

WABIGOON RIVER AT DRYDEN - STATION NO. 05QD018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.85	16.0	14.3	15.3	22.7	28.1	60.9	14.2	9.48	5.68	3.11	3.11	1
2	7.85	16.0	14.3	15.3	22.7	10.2	60.9	14.2	9.48	5.10	3.11	3.11	2
3	7.85	16.0	14.3	15.3	22.7	10.2	60.9	14.2	9.48	5.10	3.11	3.11	3
4	7.85	16.0	14.3	15.3	22.7	10.2	60.9	14.2	9.48	5.10	3.11	3.11	4
5	7.85	16.0	14.3	15.3	24.9	10.2	60.9	14.2	9.48	5.10	3.11	3.11	5
6	11.3	16.0	14.3	15.3	24.9	10.2	60.9	14.2	9.48	5.10	3.11	3.11	6
7	11.3	16.0	14.3	15.3	24.9	10.2	67.4	14.2	9.48	5.10	3.11	3.11	7
8	11.3	16.0	14.3	15.0	50.4	10.2	67.4	14.2	9.48	5.10	3.11	3.11	8
9	11.3	16.0	14.3	15.0	50.4	10.2	67.4	14.2	9.48	5.10	3.11	3.11	9
10	11.3	16.0	14.3	15.0	50.4	10.2	67.4	14.2	9.48	5.10	3.11	3.11	10
11	11.3	16.3	14.3	15.0	50.4	10.2	67.4	14.2	9.48	5.10	3.11	3.11	11
12	11.3	16.3	14.3	15.0	58.2	10.2	67.4	14.2	9.48	5.10	3.11	3.11	12
13	11.3	16.3	14.3	15.0	58.2	17.0	67.4	14.2	9.48	5.10	3.11	3.11	13
14	11.3	16.3	14.3	15.0	58.2	17.0	67.4	14.2	9.48	5.10	3.11	3.11	14
15	11.3	16.3	14.3	15.0	58.2	17.0	18.3	14.2	9.48	5.10	3.11	3.11	15
16	11.3	16.3	14.3	15.0	50.4	17.0	18.3	14.2	9.48	5.10	3.11	3.11	16
17	13.9	16.3	14.3	15.0	50.4	17.0	18.3	14.2	9.48	5.10	3.11	3.11	17
18	13.9	16.3	14.3	15.0	50.4	17.0	18.3	14.2	9.48	5.10	3.11	3.11	18
19	13.9	16.3	14.3	15.0	50.4	17.0	18.3	14.2	9.48	5.10	3.11	3.11	19
20	13.9	16.7	14.3	15.0	50.4	17.0	18.3	14.2	9.48	5.10	3.11	3.11	20
21	13.9	16.7	14.3	15.0	50.4	17.0	18.3	14.2	9.48	5.10	3.11	3.11	21
22	13.8	16.7	14.3	15.0	42.6	46.7	18.3	14.2	9.48	5.10	3.11	3.11	22
23	13.8	16.7	14.3	15.0	37.7	46.7	18.3	14.2	9.48	5.10	3.11	3.11	23
24	13.9	16.7	14.3	15.0	37.7	46.7	18.3	14.2	9.48	5.10	3.11	3.11	24
25	13.9	16.7	14.3	15.4	37.7	46.7	18.3	10.8	9.48	5.10	3.11	3.11	25
26	13.9	16.7	14.3	17.3	37.7	60.9	18.3	10.8	9.48	3.88	3.11	3.11	26
27	13.9	16.7	14.3	18.4	37.7	60.9	18.3	10.8	9.48	3.88	3.11	3.11	27
28	13.9	16.7	14.3	18.4	37.7	60.9	18.3	10.8	9.48	3.88	3.11	3.11	28
29	13.9		14.3	18.3	37.7	60.9	18.3	10.8	9.48	3.88	3.11	3.11	29
30	13.9		14.3	20.1	37.7	60.9	18.3	10.8	9.48	3.88	3.11	3.11	30
31	16.7		14.3	21.0	28.1	60.9	18.3	10.8	9.48	3.88	3.11	3.11	31
TOTAL	373.85	430.0	448.3	478.6	1 288.1	782.6	1 112.6	414.3	286.55	148.87	93.30	88.41	TOTAL
MEAN	12.1	15.4	14.5	15.8	40.5	26.1	35.9	13.4	9.85	4.82	3.11	3.11	MEAN
MAX	16.7	16.7	15.3	21.0	58.2	60.9	67.4	14.2	9.48	5.68	3.11	3.11	MAX
MIN	7.85	14.7	14.3	15.0	22.7	10.2	18.3	10.8	9.48	3.11	3.11	3.11	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.2
MAXIMUM DAILY, 67.4 ON JUL 7
MINIMUM DAILY, 3.11 ON OCT 31

DATA CONTRIBUTED BY -
GREAT LAKES FOREST PRODUCTS LIMITED

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 49 45 N
LONG 92 52 15 W
DRAINAGE AREA, 3 300 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	32 300	JUL	59 100
FEB	37 200	AUG	35 800
MAR	38 700	SEP	23 900
APR	41 100	OCT	13 800
MAY	108 000	NOV	8 090
JUN	67 600	DEC	8 330

TOTAL DISCHARGE, 510 000 dam³

WABISCON RIVER NEAR QUIBELL - STATION NO. 05CD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.4B	22.8B	24.2B	26.1	113	46.8	108	32.4	27.2	17.5	15.5	12.5	1
2	17.4B	24.2B	24.0B	26.3	103	44.2	103	34.1A	26.5	15.5	16.3	12.1	2
3	17.1B	24.0B	23.8B	26.4	87.7	40.8	97.8	34.4	23.8	17.5	17.5	10.7	3
4	17.3B	24.7B	23.6B	26.7	93.2	34.8	94.3	34.2	21.5	19.7	17.9	10.4	4
5	17.7B	24.6B	23.6B	27.0	91.3	32.7	92.6	33.8	21.2	19.9	15.9	11.9	5
6	17.9B	25.3B	23.4B	27.3	91.3	33.8	90.7	31.4	23.9	19.4	13.4	11.7	6
7	19.3B	24.7B	23.8B	27.5	89.8	34.5	90.4	30.4	24.7	19.2	15.8	11.6	7
8	20.5B	22.8B	26.2B	27.3	87.1	35.9	93.1	31.8	22.9	18.0	17.5	11.7	8
9	20.8B	22.1B	24.0B	27.0	88.9	36.2	93.5	32.7	19.9	14.5	18.1	11.8	9
10	20.6B	21.9B	24.0B	26.9	91.9	36.0	92.8	32.8	17.7	15.4	18.1	10.4 A	10
11	20.5B	22.4B	23.7B	26.5	96.1	32.0	93.0	33.1	19.6A	17.8	16.6	11.2 E	11
12	20.9B	22.3B	23.7B	26.1	96.7	33.0	92.8	32.5	23.0	19.2	13.5	11.8 A	12
13	21.2B	22.2B	23.3B	25.8	96.8	50.7	92.0	28.0	24.6	19.7	11.5	11.3 A	13
14	21.5B	22.0B	23.2B	25.0	97.1	73.0	90.3	27.5	24.8	18.7	8.85	11.8	14
15	21.3B	21.3B	24.0B	26.3	96.3	80.8	81.8	28.7	20.3	18.1 A	9.26	12.0	15
16	20.6B	20.9B	23.3B	27.3	94.9	77.5	58.8	31.1	18.7	13.9 A	10.1	11.8	16
17	20.6B	20.8B	22.8B	28.4	91.9	71.0	46.3	31.8	20.4	11.4	14.4	10.5	17
18	21.9B	20.8B	22.9B	30.6	88.8	62.1	42.8	31.8	21.1	9.23	18.0	10.2	18
19	23.2B	20.9B	22.9B	31.2	85.7	56.0	40.5	31.8	23.2	12.0	14.0	11.4	19
20	23.3B	21.0B	23.4B	32.1	78.7	53.3	39.6	28.8	24.5	16.6	12.7	11.4	20
21	23.5B	21.8B	23.4B	33.5	74.4	53.3	36.9	26.8A	24.7	18.2	15.3	11.1	21
22	23.2B	23.4B	23.2B	36.7	70.8	59.2	37.6	26.9	20.5	16.1	16.7	11.6	22
23	23.0B	23.7B	23.2B	52.6	66.2	73.1	34.8	27.3	20.0	15.1	16.8	12.0	23
24	22.8B	24.0B	23.3B	57.8	63.7	85.3	33.7	26.4	19.4	17.7	16.9	10.8	24
25	22.8B	24.6B	23.2B	66.9	60.5	86.7	35.1	30.3	19.1	19.4	16.3	10.4	25
26	22.8B	24.8B	23.2	114	58.1A	83.E	35.6	28.8	21.9	19.8	13.8	9.80	26
27	23.0B	24.8B	23.3	130	59.8	102	35.2	25.2	22.7A	19.9	12.3	9.76	27
28	22.8B	24.8B	24.6	135	66.4	107	35.1	23.5	21.1	18.0	12.4	9.82	28
29	22.6B		25.5	132	64.3	110	35.0	25.8	20.2	16.6	12.6	9.62	29
30	22.3B		25.9	124	64.1	110	32.0	27.1	20.1	14.6	12.5	9.62	30
31	22.1B		26.1		61.6		30.4	27.4		15.6		9.87	31
TOTAL	661.3	644.0	737.9	1 485.8	2 542.5	1 845.0	2 018.3	934.2	656.3	521.33	438.10	342.51	TOTAL
MEAN	21.0	23.0	23.8	48.9	82.0	61.5	65.1	30.1	22.0	16.8	14.8	11.0	MEAN
MAX	23.5	25.3	26.1	135	113	110	108	34.4	27.2	19.9	18.1	12.5	MAX
MIN	17.1	20.8	22.9	25.8	61.6	32.0	30.4	23.8	17.7	9.23	8.85	9.62	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.1
MAXIMUM DAILY, 135 ON APR 26
MINIMUM DAILY, 8.85 ON NOV 14
MAXIMUM INSTANTANEOUS,
135 AT 10:55 CST ON APR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 57 20 N
LONG 93 23 50 W
DRAINAGE AREA, 8 370 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1914

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	85 300	JUL	174 000
FEB	85 600	AUG	80 700
MAR	83 600	SEP	57 000
APR	137 000	OCT	45 000
MAY	220 000	NOV	37 800
JUN	159 000	DEC	29 500

TOTAL DISCHARGE, 1 110 000 dam³

WABOOSE LAKE RESERVOIR AT WABOOSE DAM - STATION NO. 04GB002

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	326.040	325.640	325.480E	325.270	325.280	326.930	326.640	326.720	326.420	325.980	325.540	325.280	1
2	326.020	325.630	325.470	325.280	325.310	326.920	326.620	326.710	326.400	325.980	325.520	325.280	2
3	326.010	325.630	325.470	325.250	325.330	326.900	326.600	326.710	326.380	325.980	325.500	325.260	3
4	325.980	325.620	325.460	325.230	325.380	326.920	326.580	326.690	326.380	325.940	325.480	325.270	4
5	325.980	325.610	325.480	325.220	325.400	326.920	326.580	326.700	326.380	325.910	325.480	325.270	5
6	325.980	325.610	325.450	325.200	325.380	326.950	326.530	326.700	326.350	325.940	325.480	325.270	6
7	325.940	325.600	325.440	325.180	325.380	326.960	326.530	326.700	326.350	325.910	325.490	325.260	7
8	325.940	325.580	325.430	325.180	325.410	326.950	326.550	326.700	326.340	325.880	325.450	325.250	8
9	325.930	325.580	325.430	325.180	325.460	326.980	326.560	326.680	326.310	325.870	325.450	325.250	9
10	325.910	325.570	325.430	325.180	325.500	326.980	326.610	326.680	326.300	325.860	325.480	325.240	10
11	325.900	325.570	325.420	325.170	325.540	326.980	326.610	326.670	326.280	325.850	325.440E	325.240	11
12	325.900	325.560	325.410	325.150	325.600	326.950	326.630	326.670	326.260	325.870	325.430E	325.230	12
13	325.880	325.560	325.410	325.130	325.660	326.950	326.650	326.680	326.250	325.840	325.410	325.230	13
14	325.870	325.550	325.410	325.120	325.720	326.950	326.660	326.640	326.250	325.780	325.400	325.230	14
15	325.870	325.540	325.400	325.110	325.780	326.950	326.680	326.640	326.210	325.770	325.390	325.230	15
16	325.850	325.530	325.380	325.110	325.840	326.960	326.680	326.610	326.200	325.770	325.390	325.220	16
17	325.840	325.530	325.380	325.110	325.910	326.940	326.710	326.600	326.170	325.770	325.390	325.220	17
18	325.830	325.520	325.370	325.100	325.980	326.920	326.710	326.600	326.170	325.770	325.370	325.210	18
19	325.810	325.510	325.380	325.080	326.080	326.900	326.720	326.590	326.170	325.760	325.380	325.210	19
20	325.800	325.500	325.380	325.080	326.150	326.880	326.720	326.580	326.140	325.740	325.360	325.210	20
21	325.780	325.500	325.380	325.070	326.250	326.830	326.730	326.560	326.120	325.710	325.350	325.210	21
22	325.770	325.500	325.380	325.070	326.330	326.780	326.730	326.540	326.140	325.700	325.340	325.200	22
23	325.750	325.480	325.340	325.080	326.400	326.760	326.740	326.520	326.100	325.680	325.330	325.190	23
24	325.730	325.480	325.340	325.100	326.450	326.760	326.750	326.500	326.080	325.670	325.320	325.190	24
25	325.720	325.470	326.330	325.160	326.510	326.720	326.750	326.500	326.080	325.660	326.320	326.190	25
26	325.710	325.460	326.320	325.200	326.540	326.730	326.760	326.490	326.040	325.640	325.310	325.190	26
27	325.700	325.470	326.310	325.220	326.590	326.700	326.750	326.490	326.020	325.620	325.310	325.180	27
28	325.690	325.480	326.300	325.250	326.730	326.680	326.740	326.480	326.030	325.620	326.330	325.180	28
29	325.670		325.290	325.250	326.790	326.680	326.740	326.480	326.010	325.590	325.280	325.180	29
30	325.660		325.280	325.240	326.840	326.680	326.730	326.450	325.990	325.580	325.280	325.180	30
31	325.650		325.280		326.880		326.730	326.430		325.550		325.170E	31
MEAN	326.042	325.548	325.385	325.186	326.953	326.871	326.687	326.602	326.212	325.777	325.398	326.225	MEAN
MAX	326.040	325.640	325.480	325.270	326.880	326.980	326.750	326.720	326.420	325.980	325.540	325.280	MAX
MIN	325.650	325.480	325.280	325.070	325.280	326.880	326.530	326.430	325.980	325.550	325.280	326.170	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 326.880
MAXIMUM DAILY, 326.980 ON JUN 10
MINIMUM DAILY, 325.070 ON APR 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 48 30 N
LONG 87 58 40 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WANAPITEI LAKE AT BOWLANDS BAY - STATION NO. 02DA002

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	286.690	286.080	285.750	285.330	286.280	287.530	287.550	287.430	287.380	287.240	287.190	286.850	1
2	286.690	286.080	285.740	285.330	286.330	287.540	287.530	287.470	287.370	287.220	287.170	286.850	2
3	286.690	286.080	285.740	285.320	286.410	287.540	287.520	287.490	287.360	287.210	287.170	286.830	3
4	286.670	286.030	285.740	285.300	286.480	287.530	287.480	287.490	287.360	287.210	287.140	286.800	4
5	286.670	286.020	285.750	285.320	286.550	287.530	287.500	287.470	287.340	287.210	287.130	286.680	5
6	286.630	286.000	285.720	285.330	286.630	287.520	287.500	287.480	287.350	287.200	287.140	286.680	6
7	286.600	286.000	285.720	285.360	286.720	287.520	287.530	287.450	287.350	287.210	287.130	286.680	7
8	286.620	285.980	285.710	285.370	286.780	287.530	287.520	287.440	287.340	287.200	287.130	286.650	8
9	286.570	285.960	285.700	285.390	286.850	287.520	287.520	287.420	287.340	287.210	287.130	286.650	9
10	286.550	285.950	285.680	285.410	286.910	287.520	287.500	287.420	287.370	287.190	287.130	286.630	10
11	286.520	285.930	285.680	285.420	286.980	287.540	287.520	287.420	287.370	287.180	287.120	286.630	11
12	286.490	285.930	285.680	285.430	287.010	287.550	287.530	287.410	287.350	287.190	287.110	286.610	12
13	286.480	285.910	285.680	285.470	287.080	287.550	287.530	287.410	287.350	287.200	287.090	286.600	13
14	286.430	285.900	285.670	285.480	287.100	287.540	287.530	287.400	287.340	287.190	287.090	286.780	14
15	286.380	285.880	285.680	285.510	287.140	287.550	287.510	287.410	287.330	287.190	287.100	286.780	15
16	286.380	285.880	285.680	285.520	287.180	287.540	287.510	287.420	287.330	287.170	287.080	286.780	16
17	286.350	285.870	285.670	285.530	287.220	287.580	287.500	287.410	287.330	287.180	287.080	286.750	17
18	286.330	285.850	285.630	285.580	287.250	287.600	287.500	287.400	287.320	287.200	287.080	286.730	18
19	286.310	285.850	285.600	285.620	287.280	287.630	287.510	287.400	287.320	287.170	287.070	286.720	19
20	286.310	285.840	285.580	285.680	287.320	287.640	287.500	287.400	287.320	287.180	287.080	286.710	20
21	286.270	285.840	285.550	285.680	287.350	287.640	287.500	287.390	287.310	287.180	287.060	286.690	21
22	286.260	285.820	285.530	285.730	287.380	287.640	287.480	287.400	287.300	287.180	287.040	286.690	22
23	286.240	285.810	285.510	285.770	287.430	287.650	287.490	287.410	287.310	287.180	287.030	286.670	23
24	286.210	285.810	285.480	285.830	287.480	287.650	287.480	287.400	287.290	287.180	287.020	286.660	24
25	286.190	285.810	285.460	285.870	287.470	287.660	287.480	287.380	287.270	287.180	287.020	286.650	25
26	286.170	285.790	285.480	285.920	287.480	287.640	287.480	287.370	287.270	287.180	287.020	286.650	26
27	286.170	285.780	285.400	285.970	287.500	287.620	287.460	287.380	287.250	287.180	287.020	286.630	27
28	286.150	285.770	285.400	286.030	287.510	287.620	287.480	287.380	287.240	287.170	287.020	286.620	28
29	286.120		285.410	286.120	287.510	287.600	287.460	287.380	287.210	287.180	286.980	286.610	29
30	286.090		285.370	286.150	287.510	287.570	287.440	287.370	287.210	287.180	286.950	286.600	30
31	286.080		285.360		287.520		287.440	287.380		287.180		286.610	31
MEAN	286.397	285.909	285.605	285.583	287.083	287.576	287.501	287.413	287.319	287.182	287.083	286.783	MEAN
MAX	286.690	286.080	285.750	286.190	287.520	287.650	287.550	287.470	287.380	287.240	287.140	286.850	MAX
MIN	286.080	285.770	285.360	285.300	286.280	287.520	287.440	287.360	287.210	287.180	286.950	286.600	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 286.792
MAXIMUM DAILY, 287.650 ON JUN 25
MINIMUM DAILY, 285.300 ON APR 4

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 39 22 N
LONG 80 46 03 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED SINCE 1933

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WANAPITEI RIVER NEAR WANUP - STATION NO. 02DB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	44.7	40.7	35.3	68.3	9.86	81.2	85.2	13.3	11.8	9.52	18.4	30.9	1
2	46.3	40.7	34.8	62.6	8.10	81.7	87.4	14.8	11.8	9.48	23.4	29.1	2
3	44.0	40.6	32.8	78.8	8.85	81.9	89.8	15.7	11.8	9.48	30.2	28.6	3
4	44.8	40.4	32.5	95.8	14.8	82.0	87.8	17.4	12.0	9.40	22.4	28.8	4
5	50.1	40.4	32.3	123	16.1	81.2	80.8	17.8	12.1	9.38	23.4	28.8	5
6	53.2	40.0	32.8	101	16.1	80.4	16.1	17.3	12.2	9.38	25.0	28.7	6
7	69.3	37.8	33.6	76.3	16.8	80.1	8.17	17.1	12.2	9.43	25.6	28.6	7
8	61.1	37.3	33.2	62.7	19.7	79.1	16.8	16.8	12.3	9.71	24.6	28.5	8
9	61.8	37.2	33.1	52.4	31.1	84.0	17.8	16.8	12.3	10.3	25.0	28.5	9
10	72.3	38.8	32.4	47.8	30.6	83.2	17.2	16.7	12.4	12.8	25.8	27.8	10
11	72.3	34.7	34.0	36.1	28.3	84.7	17.3	16.8	12.4	7.84	30.1	28.8	11
12	72.7	34.5	32.8	32.8	30.1	84.1	19.4	16.8	12.6	8.11	30.8	28.1	12
13	68.4	34.3	31.0	30.6	38.8	83.4	22.0	16.7	12.6	8.88	31.0	28.2	13
14	68.8	33.4	29.5	28.2	37.6	84.2	21.4	16.3	12.6	9.44	30.6	28.8	14
15	80.0	30.8	28.3	26.8	24.2 A	83.3	17.8	16.4	12.6	9.38	30.1	27.7	15
16	81.4	30.6	28.7	26.8	24.2 A	88.3	15.2	15.4	12.8	9.38	31.8	28.0	16
17	80.8	30.4	30.8	48.8	24.3	132	14.4	15.2	12.8	9.52	32.4	30.6	17
18	88.8	31.3	48.6	62.7	24.0	124	14.8	15.0	12.8	9.67	28.8	32.6	18
19	89.0	31.0	61.1	55.4	31.7	103	14.3	15.0	12.8	9.83	28.9	32.7	19
20	87.9	28.7	61.8	47.4	19.4	102	30.1	14.1	13.7	9.87	28.7	32.3	20
21	88.6	28.0	61.0	38.2	22.4	88.4	18.5	14.7	13.8	9.99	28.8	31.4	21
22	84.7	27.8	60.6	34.2	32.2	88.3	18.4	13.1	13.7	10.0	28.6	30.3	22
23	84.3	27.6	64.7	31.4	31.0	87.0	18.3	13.8	13.7	10.0	33.2	29.1	23
24	83.9	27.4	64.3	29.2	31.3	85.8	17.8	14.1	13.7	10.0	34.7	28.3	24
25	83.2	27.8	64.1	28.4	30.1	88.8	18.8	14.2	12.7	9.86	34.2	28.1	25
26	82.1	27.8	66.8	26.4	31.0	84.8	18.4	14.2	13.6	9.23	33.9	28.8	26
27	46.3	27.2	63.0	18.2	80.2	82.0	13.9	14.3	13.2	9.09	33.6	28.6	27
28	60.9	26.6	70.7	12.3	68.6	88.0	18.0	14.4	11.8	9.06	33.6	28.9	28
29	62.1		68.0	11.0	68.3	88.8	15.6	14.4	10.8	9.03	36.6	28.8	29
30	61.4		66.9	10.3	67.1	72.1	15.0	14.0	8.75	9.06	37.3	30.1	30
31	60.8		66.6		61.4		14.1	11.8		8.86		29.7	31
TOTAL	1 702.8	930.8	1 387.6	1 484.0	958.13	3 384.6	721.47	488.8	387.18	287.38	876.0	888.3	TOTAL
MEAN	54.9	33.2	43.8	49.8	30.9	78.6	23.3	15.1	12.3	9.59	28.1	28.9	MEAN
MAX	72.7	40.7	66.8	123	81.4	124	89.8	18.7	13.7	12.8	36.6	32.7	MAX
MIN	40.8	26.6	21.0	10.3	8.86	88.0	8.17	11.8	8.75	7.84	18.4	26.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1988

MEAN, 34.0
MAXIMUM DAILY, 124 ON JUN 18
MINIMUM DAILY, 8.17 ON JUL 7
MAXIMUM INSTANTANEOUS,
144 AT 18:22 EST ON JUN 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 20 40 N
LONG 80 50 24 W
DRAINAGE AREA, 3 130 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	147 000	JUL	63 200
FEB	80 400	AUG	40 900
MAR	117 000	SEP	31 700
APR	128 000	OCT	24 700
MAY	82 800	NOV	75 500
JUN	304 000	DEC	77 400

TOTAL DISCHARGE, 1 070 000 dam³

WATABEAG RIVER AT WATABEAG LAKE DAM - STATION NO. 04MB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	6.80	0	---	4.80	0.300	0	0	0	0	5.70	1
2	0	---	6.80	0	---	2.40	0.300	0	0	0	0	5.50	2
3	0	---	6.40	0	---	2.40	0.300	0	0	0	0	5.40	3
4	0	---	6.20	0	---	2.40	0.300	0	0	0	0	5.30	4
5	0	---	6.00	0	---	2.50	0.300	0	0	0	0	5.10	5
6	0	---	5.70	0	---	2.50	0.300	0	0	0	0	5.00	6
7	0	---	5.50	0	---	2.50	0.300	0	0	0	0	4.80	7
8	0	---	5.30	0	---	2.80	0.300	0	0	0	0	4.60	8
9	0	---	5.10	0	---	2.70	0.300	0	0	0	0	4.40	9
10	0	---	5.00	0	---	2.70	0.300	0	0	0	0	4.20	10
11	0	0	4.90	0	---	2.80	0.300	0	0	0	0	4.00	11
12	0	0	4.80	0	---	2.80	0.300	0	0	0	0.100	3.80	12
13	0	0	4.70	0	---	2.90	0.300	0	0	0	0.400	3.70	13
14	0	0	4.80	0	---	2.90	0.300	0	0	0	1.00	3.80	14
15	0	5.90	4.40	0	---	3.00	0	0	0	0	3.10	3.80	15
16	0	13.5	4.20	0	---	3.00	0	0	0	0	3.10	3.80	16
17	0	13.0	4.00	0	---	3.00	0	0	0	0	3.10	3.80	17
18	0	12.5	3.80	0	---	2.90	0	0	0	0	3.10	3.40	18
19	0	11.8	3.70	0	---	2.80	0	0	0	0	3.10	3.40	19
20	0	11.4	3.80	0	---	2.30	0	0	0	0	3.10	3.30	20
21	0	10.8	5.90	0	---	2.30	0	0	0	0	3.10	3.30	21
22	0	10.4	---	0	---	1.90	0	0	0	0	3.10	3.20	22
23	0	9.80	---	0	---	1.90	0	0	0	0	3.10	3.20	23
24	0	9.20	---	0	---	1.50	0	0	0	0	3.10	3.10	24
25	0	8.70	---	0	---	1.80	0	0	0	0	3.10	3.10	25
26	0	8.20	---	0	---	1.40	0	0	0	0	3.10	3.00	26
27	0	7.80	---	0	---	1.40	0	0	0	0	3.10	2.90	27
28	0	7.10	---	0	---	1.20	0	0	0	0	3.10	2.90	28
29	0		---	0	---	0.900	0	0	0	0	4.50	2.70	29
30	0		---	0	---	0.900	0	0	0	0	---	2.60	30
31	0		4.00		---		0	0		0		2.90	31
TOTAL	0	---	---	0	---	71.300	4.200	0	0	0	---	118.80	TOTAL
MEAN	0	---	---	0	---	2.38	0.135	0	0	0	---	3.83	MEAN
MAX	0	---	---	0	---	6.80	0.300	0	0	0	---	6.70	MAX
MIN	0	---	---	0	---	0.800	0	0	0	0	---	2.60	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 17 34 N
LONG 80 31 43 W
DRAINAGE AREA, 238 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	383
FEB	---	AUG	0
MAR	---	SEP	0
APR	0	OCT	0
MAY	---	NOV	---
JUN	6 180	DEC	10 200

DATA CONTRIBUTED BY - ONTARIO HYDRO

WAUBUNO CREEK NEAR DORCHESTER - STATION NO. 02GD020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.740B	2.24	0.280B	1.60 E	0.412	0.488	0.103	0.026	0.084	0.022	0.081	0.500B	1
2	0.630B	1.30 B	0.285B	1.20 E	0.385	0.613	0.087	0.024	0.084	0.022	0.081	0.400B	2
3	0.580B	0.950B	0.280B	3.48 A	0.362	0.676	0.084	0.022	0.080	0.020	0.088	0.300B	3
4	0.560B	0.750B	0.275B	5.37	0.319	0.476	0.080	0.026	0.036	0.021	0.088	0.200B	4
5	0.540B	0.650B	0.800B	3.80	0.367	0.383	0.071	0.029	0.026	0.022	0.074	0.180B	5
6	0.530B	0.550B	0.800B	3.86	0.365	0.269	0.072	0.026	0.026	0.024	0.098	0.120B	6
7	0.520B	0.520B	0.500B	2.84 A	0.318	0.226	0.080	0.024	0.031	0.026	0.148	0.106B	7
8	0.50 B	0.480B	0.430B	1.70 E	0.323	0.208	0.053	0.020	0.032	0.027	0.348	0.087B	8
9	3.60 B	0.470B	0.400B	1.30 E	0.302	0.280	0.047	0.020	0.029	0.030	0.371	0.082B	9
10	1.12 B	0.450B	1.50 B	1.10 E	0.276	0.212	0.045	0.019	0.031	0.071	0.327	0.082B	10
11	0.820B	0.440B	3.50 B	1.07 E	0.259	0.175	0.038	0.020	0.028	0.171	0.242	0.078B	11
12	0.680B	0.430B	4.20 B	1.30 E	0.289	0.185	0.034	0.028	0.024	0.172	0.150	0.074B	12
13	0.800B	0.420B	1.90 B	2.10 E	0.396	0.160	0.034	0.048	0.024	0.100	0.180	0.072B	13
14	0.700B	0.500B	1.10 B	2.12 E	0.381	0.147	0.034	0.278	0.030	0.071	0.158	0.070B	14
15	0.540B	0.648B	1.40 B	1.98 E	0.303	0.148	0.032	0.091	0.032	0.058	0.410	0.068B	15
16	0.470B	0.550B	0.782	1.75 E	0.268	0.144	0.031	0.203	0.034	0.050	3.55	0.066B	16
17	0.450B	0.490B	0.580	1.20 E	0.231	0.158	0.027	0.124	0.036	0.053	2.00	0.065B	17
18	0.420B	0.440B	4.57 A	1.85 E	0.201	0.539	0.025	0.080	0.032	0.057	0.967	0.064B	18
19	0.480B	0.410B	3.70 B	1.33 A	0.187	0.256	0.023	0.038	0.025	0.063	0.872	0.063B	19
20	0.450B	0.390B	2.10 B	0.980E	0.203	0.297	0.088	0.035	0.025	0.080	0.589	0.062B	20
21	0.440B	0.380B	0.900B	0.775A	0.324	0.858	0.068	0.053	0.022	0.108	0.718	0.061B	21
22	0.430B	0.370B	0.700B	0.617	0.274	0.537	0.066	0.072	0.023	0.124	0.580B	0.061B	22
23	0.420B	0.360B	1.02 B	0.517	0.226	0.488	0.049	0.053	0.027	0.131	0.480B	0.060B	23
24	0.410B	0.350B	2.88 A	0.466	0.259	0.444	0.035	0.042	0.026	0.111	0.400B	0.059B	24
25	0.400B	0.340B	3.05 A	0.433	0.267	0.850	0.030	0.033	0.028	0.086	0.340B	0.059B	25
26	3.80 B	0.330B	3.23 A	0.447	0.566	0.406	0.034	0.027	0.025	0.082	0.310B	0.058B	26
27	2.35	0.310B	2.96 A	0.443	0.538	0.268	0.035	0.025	0.024	0.078	0.308	0.058B	27
28	1.19	0.300B	4.38	0.413	0.346	0.208	0.058	0.021	0.024	0.070	1.02	0.058B	28
29	1.21		5.58	0.395	0.247	0.148	0.057	0.028	0.022	0.067	1.08	0.057B	29
30	2.78		3.52 A	0.441	0.281	0.116	0.042	0.029	0.020	0.088	0.720B	0.056B	30
31	1.84		2.25 E		0.453		0.035	0.027		0.084		0.070B	31
TOTAL	38.880	15.826	80.142	48.589	9.859	10.088	1.588	1.670	0.908	2.164	16.824	3.384	TOTAL
MEAN	1.25	0.565	1.91	1.55	0.318	0.336	0.051	0.051	0.030	0.069	0.551	0.105	MEAN
MAX	8.50	2.24	5.58	5.37	0.566	0.850	0.103	0.278	0.084	0.172	3.55	0.500B	MAX
MIN	0.400	0.300	0.275	0.385	0.187	0.116	0.023	0.019	0.020	0.020	0.081	0.056B	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.555
MAXIMUM DAILY, 8.50B ON JAN 8
MINIMUM DAILY, 0.019 ON AUG 10
MAXIMUM INSTANTANEOUS,
18.3 AT 13:06 EST ON JAN 8

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 58 40 N
LONG 81 07 00 W
DRAINAGE AREA, 108 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 340	JUL	137
FEB	1 370	AUG	138
MAR	5 110	SEP	78.5
APR	4 030	OCT	186
MAY	852	NOV	1 430
JUN	871	DEC	282

TOTAL DISCHARGE, 17 800 dam³

WEBBER DRAIN AT HWY #53 (PITTOCK CONTROL) - STATION NO. 02GD024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.011	0.037	0.003	0.037	0.009	0.008	0.003	0.002	0.001	0	0	0	1
2	0.008	0.018	0.002	0.031	0.009	0.014	0.003	0.002	0.001	0	0	0	2
3	0.006	0.013	0.003	0.048	0.009	0.012	0.583	0.002	0.001	0	0	0	3
4	0.003	0.010	0.003	0.118	0.008	0.010	0.003	0.002	0.001	0	0	0	4
5	0.003	0.008	0.002	0.074	0.008	0.008	0.003	0.002	0.001	0	0	0	5
6	0.003	0.007	0.002	0.078	0.008	0.006	0.004	0.002	0.001	0	0	0	6
7	0.003	0.005	0.002	0.050	0.008	0.006	0.003	0.001	0.001	0	0	0	7
8	0.208	0.005	0.002	0.039	0.008	0.005	0.004	0.001	0.001	0	0	0	8
9	0.039	0.004	0.003	0.027	0.008	0.004	0.004	0.001	0.001	0	0	0	9
10	0.017	0.004	0.020	0.018	0.007	0.004	0.083	0.001	0.001	0	0	0	10
11	0.008	0.004	0.087	0.018	0.007	0.005	0.004	0.001	0.001	0	0	0	11
12	0.045	0.005	0.053	0.020	0.008	0.005	0.003	0.001	0.001	0	0	0	12
13	0.015	0.005	0.021	0.032	0.009	0.005	0.003	0.001	0.001	0	0	0	13
14	0.010	0.028	0.043	0.036	0.010	0.005	0.003	0.001	0.001	0	0	0	14
15	0.008	0.011	0.065	0.047	0.008	0.005	0.003	0.002	0.001	0	0.012	0	15
16	0.005	0.005	0.018	0.032	0.008	0.005	0.003	0.001	0.001	0	0.013	0	16
17	0.005	0.004	0.012	0.023	0.007	0.005	0.002	0.001	0.001	0	0.001	0	B 17
18	0.007	0.003	0.122	0.027	0.007	0.005	0.002	0.001	0.001	0	0.001	0	B 18
19	0.007	0.004	0.077	0.020	0.006	0.004	0.003	0.001	0.001	0	0	0	B 19
20	0.004	0.004	0.031	0.017	0.008	0.005	0.003	0.001	0.001	0	0.001	0	20
21	0.003	0.004	0.018	0.014	0.006	0.004	0.002	0.001	0	0	0.001	0	21
22	0.003	0.003	0.016	0.013	0.006	0.028	0.002	0.001	0.021	0	0	0	B 22
23	0.005	0.003	0.068	0.012	0.005	0.010	0.002	0.001	0	0	0	0	B 23
24	0.011	0.002	0.086	0.012	0.005	0.008	0.002	0.001	0	0	0	0	B 24
25	0.004	0.003	0.110	0.012	0.005	0.005	0.002	0.001	0	0	0	0	B 25
26	0.115	0.004	0.054	0.011	0.006	0.005	0.002	0.001	0	0	0	0	B 26
27	0.018	0.003	0.048	0.011	0.008	0.004	0.002	0.001	0	0	0	0	B 27
28	0.036	0.003	0.063	0.010	0.006	0.004	0.002	0.001	0	0	0.005	0	B 28
29	0.047		0.138	0.010	0.006	0.003	0.002	0.001	0	0	0.001	0	B 29
30	0.078		0.064	0.010	0.008	0.003	0.002	0.001	0	0	0.001	0	B 30
31	0.037		0.045		0.011		0.002	0.001		0		0.0018	31
TOTAL	0.783	0.208	1.318	0.824	0.231	0.210	0.884	0.038	0.021	0	0.036	0.001	TOTAL
MEAN	0.025	0.007	0.042	0.031	0.007	0.007	0.003	0.001	0.001	0	0.001	0	MEAN
MAX	0.208	0.037	0.138	0.118	0.011	0.028	0.004	0.002	0.001	0	0.013	0.001	MAX
MIN	0.003	0.002	0.002	0.010	0.006	0.003	0.002	0.001	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.011
MAXIMUM DAILY, 0.208 ON JAN 8
MINIMUM DAILY, 0 ON SEP 21
MAXIMUM INSTANTANEOUS,
0.681 AT 04:34 EST ON JAN 8

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 15 23 N
LONG 80 48 24 W
DRAINAGE AREA, 3.72 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	67.7	JUL	7.36
FEB	18.0	AUG	3.28
MAR	114	SEP	1.81
APR	76.8	OCT	0
MAY	20.0	NOV	3.11
JUN	18.1	DEC	0.09

TOTAL DISCHARGE, 333 dam³

WELLAND CANAL DIVERSION FROM LAKE ERIE - STATION NO. 02HA019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	205	212	198	238	242	248	238	241	238	238	227	227	1
2	208	188	198	233	246	130	248	236	228	241	230	238	2
3	220	182	198	228	236	127	240	236	245	235	224	227	3
4	206	181	195	221	243	138	242	237	240	244	233	221	4
5	194	186	194	242	240	246	222	238	236	233	234	208	5
6	203	188	212	234	236	250	234	232	240	183	229	231	6
7	208	143	208	237	238	244	236	248	241	223	232	230	7
8	228	144	218	234	237	244	240	248	235	233	234	236	8
9	212	142	230	240	244	248	237	184	237	228	233	232	9
10	218	180	224	248	243	242	239	188	237	218	248	240	10
11	197	183	227	240	234	249	235	178	244	240	229	204	11
12	218	185	226	239	236	250	248	188	244	233	242	238	12
13	222	187	218	236	238	238	231	201	233	235	236	233	13
14	218	188	210	242	232	239	202	236	226	236	238	230	14
15	235	188	218	243	249	243	277	242	233	228	218	184	15
16	223	148	211	241	247	248	226	236	233	237	238	222	16
17	218	142	208	243	243	256	237	144	228	208	230	208	17
18	216	145	207	241	243	238	229	185	225	229	230	215	18
19	220	182	228	248	238	248	236	186	241	188	228	234	19
20	223	174	227	186	236	238	238	184	238	228	227	210	20
21	213	185	235	234	236	245	241	201	221	238	224	227	21
22	218	185	227	244	232	241	238	243	233	243	212	211	22
23	213	188	222	241	238	242	237	237	234	221	221	84.0	23
24	210	188	224	238	235	245	238	248	238	224	237	132	24
25	188	188	224	240	241	249	242	235	228	224	238	188	25
26	218	187	228	241	233	248	238	241	236	228	242	178	26
27	222	180	228	248	251	240	242	243	222	228	184	236	27
28	222	182	226	244	244	236	245	241	240	224	116	245	28
29	218		231	248	242	251	245	227	243	232	178	264	29
30	222		221	237	218	236	242	208	242	227	230	238	30
31	223		187		236		248	236		231		230	31
TOTAL	6 631	4 803	6 684	7 130	7 401	6 982	7 387	6 738	7 080	7 031	6 686	6 673.0	TOTAL
MEAN	214	172	216	238	239	233	238	217	236	227	223	216	MEAN
MAX	228	212	231	248	251	265	277	248	245	244	248	264	MAX
MIN	188	142	184	186	218	127	202	144	221	188	116	84.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 223
MAXIMUM DAILY, 277 ON JUL 19
MINIMUM DAILY, 84.0 ON DEC 23

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT N
LONG W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	572 000	JUL	638 000
FEB	418 000	AUG	582 000
MAR	577 000	SEP	610 000
APR	618 000	OCT	607 000
MAY	638 000	NOV	576 000
JUN	603 000	DEC	577 000

TOTAL DISCHARGE, 7 010 000 dam³

DATA CONTRIBUTED BY -
ST. LAWRENCE SEAWAY AUTHORITY

REGULATED

REMARKS - DISCHARGES DO NOT INCLUDE FLOW FROM WELLAND CANAL TO WELLAND RIVER

WELLAND RIVER AT WELLAND CANAL - STATION NO. 02HA025

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	2.813	2.326	2.389	2.287	2.276	2.272	2.250	2.226	2.308	1
2	---	---	---	2.802	2.273	2.486	2.288	2.281	2.258	2.250	2.186	2.241	2
3	---	---	---	2.811	2.278	2.488	2.274	2.287	2.245	2.233	2.188	2.214	3
4	---	---	---	2.814	2.248	2.480	2.268	2.287	2.261	2.222	2.170	2.185	4
5	---	---	---	2.788	2.215	2.336	2.279	2.273	2.278	2.208	2.148	2.182	5
6	---	---	---	2.677	2.270	2.359	2.278	2.288	2.248	2.218	2.150	2.171	6
7	---	---	---	2.383	2.446	2.241	2.261	2.283	2.285	2.168	2.140	2.150	7
8	---	---	---	2.281	2.626	2.261	2.264	2.286	2.249	2.223	2.186	2.137	8
9	---	---	---	2.219	2.544	2.428	2.300	2.285	2.268	2.213	2.283	2.141	9
10	---	---	---	2.268	2.429	2.410	2.269	2.262	2.283	2.218	2.284	2.169	10
11	---	---	---	2.188	2.518	2.318	2.278	2.285	2.280	2.213	2.288	2.187	11
12	---	---	---	2.138	2.676	2.247	2.264	2.286	2.243	2.204	2.201	2.160	12
13	---	---	---	2.173	2.648	2.283	2.261	2.284	2.228	2.178	2.197	2.151	13
14	---	---	---	2.187	2.461	2.257	2.268	2.280	2.207	2.088	2.194	2.178	14
15	---	---	---	2.201	2.303	2.260	2.244	2.247	2.223	2.184	2.228	2.170	15
16	---	---	---	2.224	2.284	2.272	2.268	2.266	2.228	2.213	2.411	2.170	16
17	---	---	---	2.188	2.231	2.280	2.283	2.281	2.283	2.198	2.848	2.147	17
18	---	---	---	2.181	2.228	2.315	2.270	2.225	2.307	2.181	3.417	2.128	18
19	---	---	---	2.158	2.236	2.243	2.268	2.188	2.273	2.083	2.286	2.003	19
20	---	---	---	2.087	2.247	2.282	2.304	2.247	2.270	2.214	2.376	2.087	20
21	---	---	---	2.082	2.224	2.281	2.293	2.280	2.277	2.280	2.381	2.082	21
22	---	---	---	2.209	2.201	2.262	2.318	2.288	2.280	2.246	2.315	1.935	22
23	---	---	2.220	2.226	2.251	2.287	2.345	2.291	2.354	2.206	2.261	2.017	23
24	---	---	2.247	2.232	2.262	2.255	2.331	2.280	2.317	2.211	2.232	2.085	24
25	---	---	2.301	2.217	2.270	2.263	2.328	2.287	2.272	2.224	2.184	2.181	25
26	---	---	2.317	2.207	2.258	2.253	2.295	2.261	2.288	2.208	2.178	2.115	26
27	---	---	2.311	2.212	2.233	2.231	2.308	2.250	2.231	2.202	2.172	1.976	27
28	---	---	2.312	2.223	2.238	2.242	2.281	2.280	2.268	2.223	2.246	1.949	28
29	---		2.318	2.214	2.236	2.252	2.284	2.267	2.277	2.223	2.222	2.016	29
30	---		2.331	2.188	2.335	2.293	2.283	2.284	2.178	2.218	2.368	1.971	30
31	---		2.453		2.358		2.288	2.267		2.216		2.061	31
MEAN	---	---	---	2.262	2.330	2.302	2.285	2.283	2.263	2.205	2.293	2.112	MEAN
MAX	---	---	---	2.788	2.676	2.486	2.345	2.296	2.354	2.280	2.848	2.241	MAX
MIN	---	---	---	2.082	2.201	2.231	2.244	2.188	2.178	2.083	2.140	1.935	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 2.788 ON APR 5
MINIMUM DAILY, 1.935 ON DEC 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 09 43 N
LONG 79 15 09 W

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

REMARKS - STATION OPERATED BY WSC EFFECTIVE 1959

WELLAND RIVER BELOW CAISTOR CORNERS - STATION NO. 02HA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.06	3.46	0.119	10.1	0.679	0.281	E.065	0.786	E.137	0.712	0.877	1.22	1
2	1.26	4.97	0.116	5.60	0.868	4.88	E.060	0.544	E.168	0.721	0.853	0.845	2
3	0.873	2.82	0.103	4.68	1.17	4.08	E.072	0.388	E.180	0.718	0.928	0.785	3
4	0.827	1.02	0.148	13.1	1.42	2.02	E.087	0.302	0.184	0.708	0.781	0.695	4
5	0.7808	0.884	1.92	11.5	1.10	1.01	E.100	0.241	0.148	0.807	0.467	0.584	5
6	0.7208	0.373	3.20	4.78	0.975	0.824	E.094	0.175	0.143	0.889	0.354	0.416	6
7	0.6808	0.276	E.34	2.78	2.29	0.408	E.089	0.148	0.143	0.889	0.347	0.821	7
8	3.70	0.241	E.842	1.70	12.8	0.284	E.081	0.130	0.141	0.696	0.490	0.585	8
9	7.21	0.171	E.530	1.04	8.68	0.264	E.076	0.110	0.140	0.691	1.81	0.578	9
10	4.50	0.161	E.484	0.745	3.78	0.297	E.073	0.101	0.142	0.718	2.97	0.864	10
11	2.91	0.146	0.888	0.574	3.88	0.245	0.070	0.084E	0.140	0.780	2.41	0.588	11
12	1.43	0.141	3.43	0.484	15.0	0.201	0.070	0.089E	0.136	0.717	1.81	0.573	12
13	0.880	0.137	3.00	0.485	12.7	0.175	0.071	0.085E	0.136	0.884	1.18	0.820	13
14	0.881	0.318	1.40	0.487	4.80	0.180	0.068	0.081E	0.151	0.776	0.916	0.451	14
15	0.832	0.483	2.71	0.858	2.34	0.145	0.069	0.078E	0.332	0.824	3.44	0.466	15
16	0.833	0.885	3.88	0.871	2.89	0.139	0.070	0.076A	0.375	0.830	7.47	0.428	15
17	0.422	0.780	2.06	0.857	1.51	0.144	0.072	0.083	0.388	0.827	7.88	0.311	17
18	0.342	0.470	3.71	1.38	0.780	0.147	0.071	0.084	0.377	0.827	4.86	0.288	18
19	0.340	0.287	8.43	2.31	0.488	0.138	0.065	0.083	0.368	0.836	2.02	0.278	19
20	0.380	0.211	8.48	1.70	0.429	0.196	0.078	0.085	0.821	1.31	8.47	0.264	20
21	0.338	0.484	3.85	1.15	0.701	0.261	0.080	0.084	0.742	1.80	8.38	0.244	21
22	0.287	0.867	3.89	1.00	0.638	0.548	0.085	0.084	1.18	1.73	4.79	0.208	22
23	0.274	0.863	4.11	0.874	0.508	0.887	0.081	0.084	4.05	1.18	2.82	0.190	23
24	0.237	0.821	8.74	0.784	0.432	0.708	0.083	0.083	2.33	0.838	1.45	0.184	24
25	0.222	0.368	7.83	0.768	0.362	0.534	0.078	0.081	0.888	0.778	1.01	0.178	25
26	0.839	0.213	10.3	0.788	0.348	0.350	0.080	0.083	0.641	0.885	0.889	0.182	25
27	3.39	0.184	7.37	0.758	0.330	0.229	0.088	0.108	0.612	0.880	1.04	0.120	27
28	2.81	0.128	7.02	0.722	0.258	0.182	0.451	0.109	0.723	0.857	2.83	0.115	28
29	1.32		5.14	0.681	0.203	0.123	1.07	0.116	0.725	0.832	3.78	0.117	29
30	1.62		6.18	0.486	0.220	0.102	1.72	0.118	0.710	0.830	2.41	0.110	30
31	3.18		10.3		0.324		1.18	0.116		0.884		0.178	31
TOTAL	46.868	21.145	121.287	73.481	81.780	18.823	8.872	4.822	16.788	27.817	77.783	12.918	TOTAL
MEAN	1.48	0.755	3.91	2.45	2.64	0.634	0.212	0.155	0.560	0.897	2.59	0.417	MEAN
MAX	7.21	4.97	10.3	13.1	15.0	4.88	1.72	0.788	4.05	1.80	8.38	1.22	MAX
MIN	0.222	0.128	0.103	0.486	0.203	0.102	0.065	0.078	0.135	0.691	0.347	0.110	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.40
MAXIMUM DAILY, 15.0 ON MAY 12
MINIMUM DAILY, 0.065 ON JUL 19
MAXIMUM INSTANTANEOUS,
21.3 AT 19:23 EST ON MAY 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 01 30 N
LONG 79 37 00 W
DRAINAGE AREA, 230 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 870	JUL	566
FEB	1 830	AUG	417
MAR	10 500	SEP	1 450
APR	6 350	OCT	2 400
MAY	7 060	NOV	6 720
JUN	1 700	DEC	1 120

TOTAL DISCHARGE, 44 100 dam³

WELLAND RIVER NEAR DUNDAS - STATION NO. 02HA021

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.887	1.864	1.385	1.877	1.731	1.635	1.388	1.783	1.384	1.958	2.125	2.025	1
2	1.888	1.731	1.380	1.818	1.817	1.639	1.388	1.687	1.428	1.885	2.123	2.025	2
3	1.898	1.821	1.385	1.884	1.884	1.898	1.388	1.680	1.418	1.976	2.008	2.008	3
4	1.893	1.823	1.382	2.085	1.823	1.884	1.388	1.488	1.418	1.987	1.982	1.908	4
5	1.894	1.879	1.848	1.935	1.784	1.871	1.388	1.485	1.417	1.983	1.958	1.887	5
6	1.890	1.880	1.747	1.788	1.853	1.811	1.389	1.387	1.414	1.988	1.958	2.018	6
7	1.891	1.852	1.887	1.714	1.888	1.485	1.382	1.384	1.422	2.004	1.958	2.014	7
8	2.073	1.843	1.413	1.821	1.883	1.408	1.348	1.331	1.428	2.011	1.938	2.011	8
9	1.888	1.830	1.400	1.888	1.798	1.378	1.343	1.300	1.428	2.014	2.028	2.013	9
10	1.891	1.822	1.583	1.838	1.888	1.389	1.338	1.288	1.427	2.021	2.003	2.013	10
11	1.890	1.827	1.888	1.811	1.743	1.372	1.325	1.284	1.434	2.028	2.001	2.010	11
12	1.902	1.828	1.844	1.384	2.188	1.385	1.318	1.288	1.445	2.040	1.988	1.988	12
13	1.894	1.827	1.845	1.830	1.888	1.325	1.325	1.277	1.424	2.088	1.971	1.972	13
14	1.921	1.822	1.848	1.488	1.781	1.336	1.323	1.274	1.725	2.066	1.988	1.893	14
15	1.848	1.731	1.802	1.483	1.878	1.341	1.321	1.278	1.742	2.072	2.084	1.818	15
16	1.823	1.808	1.724	1.802	1.783	1.383	1.317	1.268A	1.743	2.078	2.182	1.884	16
17	1.818	1.808	1.820	1.474	1.840	1.384	1.318	1.278A	1.780	2.081	2.084	1.903	17
18	1.818	1.881	1.878	1.887	1.812	1.368	1.317	1.275	1.772	2.101	2.044	1.883	18
19	1.828	1.834	1.880	1.801	1.885	1.374	1.309	1.287	1.818	2.107	2.037	1.880	19
20	1.838	1.833	1.787	1.803	1.813	1.378	1.321	1.288	1.833	2.087	2.108	1.874	20
21	1.818	1.887	1.804	1.801	1.833	1.388	1.332	1.272	1.838	2.023	2.084	1.888	21
22	1.807	1.885	1.883	1.888	1.844	1.431	1.327	1.271	1.818	2.021	2.038	1.852	22
23	1.808	1.818	1.888	1.800	1.845	1.873	1.330	1.287	1.784	2.018	2.028	1.758	23
24	1.820	1.811	1.883	1.884	1.838	1.487	1.320	1.328	1.700	2.110	2.024	1.880	24
25	1.828	1.878	2.087	1.894	1.898	1.422	1.313	1.340	1.714	2.118	2.028	1.848	25
26	1.771	1.382	2.080	1.888	1.884	1.378	1.378	1.347	1.834	2.120	2.027	1.844	26
27	1.774	1.388	1.873	1.873	1.804	1.353	1.338	1.381	1.848	2.120	2.028	1.831	27
28	1.877	1.385	2.080	1.733	1.802	1.348	2.088	1.385	1.852	2.118	2.078	1.828	28
29	1.841		2.040	1.710	1.887	1.347	2.088	1.380	1.855	2.118	2.051	1.828	29
30	1.851		2.005	1.718	1.874	1.380	1.850	1.380	1.869	2.121	2.030	1.831	30
31	1.790		1.883		1.884		1.850	1.381		2.123		1.849	31
MEAN	1.857	1.800	1.754	1.736	1.712	1.427	1.438	1.356	1.888	2.054	2.031	1.870	MEAN
MAX	2.073	1.844	2.087	2.085	2.188	1.888	2.088	1.783	1.888	2.123	2.182	2.025	MAX
MIN	1.808	1.378	1.380	1.384	1.812	1.325	1.308	1.287	1.384	1.888	1.888	1.828	MIN

WATER LEVELS IN METRES

MEAN, 1.885
MAXIMUM DAILY, 2.188 ON MAY 13
MINIMUM DAILY, 1.287 ON AUG 19
MAXIMUM INSTANTANEOUS,
2.318 AT 09.09 EST ON MAY 12

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 05 33 N
LONG 79 47 58 W

A - MANUAL GAUGE

NATURAL FLOW

DRAINAGE AREA,
67.1 km²

WEST BRANCH LITTLE CATARAQUI CREEK AT KINGSTON - STATION NO. 02HM008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.041	0.133	0.0288	0.282	0.038	0.043	0.048	0.028	0.221A	0.028	0.118A	0.081	1
2	0.041	0.0748	0.0288	0.237	0.180	0.313	0.044	0.038	0.087A	0.133	0.080A	0.073	2
3	0.0388	0.0618	0.0228	0.328	0.113	0.086	0.048	0.034	0.044	0.040	0.078A	0.086	3
4	0.0388	0.0478	0.0438	0.881	0.080	0.083	0.044	0.135	0.036	0.038	0.080	0.088	4
5	0.0338	0.046	0.0588	0.410	0.084	0.068	0.043	0.083	0.034	0.034	0.087	0.055	5
6	0.0318	0.043	0.0288	0.291	0.115	0.081	0.048	0.048	0.032	0.055	0.178A	0.070	6
7	0.0298	0.035	0.0288	0.258	0.438	0.058	0.058	0.041	0.031A	0.034	0.242A	0.058	7
8	0.350	0.0338	0.0288	0.188	0.333	0.048	0.047	0.037	0.088A	0.030	0.288A	0.053	8
9	0.070	0.0328	0.0288	0.148	0.224	0.118	0.077	0.034	0.028E	0.031	0.414	0.045	9
10	0.051	0.0318	0.0288	0.131	0.188	0.122	0.052	0.030	0.028E	0.037	0.306A	0.0428	10
11	0.045	0.0318	0.0288	0.108	0.187	0.076	0.048	0.030	0.027E	0.084	0.218	0.0388	11
12	0.051	0.028	0.0258	0.101	0.280	0.060	0.040	0.028	0.026E	0.036	0.154	0.0348	12
13	0.040	0.032	0.0258	0.104	0.213	0.052	0.038	0.028	0.026A	0.034	0.124A	0.0278	13
14	0.036	0.077	0.287	0.085	0.184	0.047	0.039	0.028	0.088E	0.042	0.172A	0.0348	14
15	0.043	0.041	0.882	0.112	0.121	0.045	0.038	0.028	0.080A	0.075	0.462A	0.0328	15
16	0.034	0.032	0.280	0.085	0.108	0.043	0.034	0.029	0.082E	0.088	0.588A	0.0318	16
17	0.039	0.0328	0.138	0.088	0.0948	0.352	0.030	0.028	0.085E	0.069A	0.388	0.031	17
18	0.031	0.0318	0.101	0.104	0.070	0.150	0.029	0.025	0.042A	0.053A	0.288	0.031	18
19	0.088	0.0298	0.078	0.085	0.059	0.120	0.028	0.029	0.037E	0.049	0.211	0.031	19
20	0.126	0.027	0.080	0.085	0.057	0.328	0.026	0.076A	0.040A	0.364A	0.829	0.030	20
21	0.0488	0.123	0.072	0.084	0.051	0.285	0.026	0.034A	0.037	0.263A	0.333	0.0308	21
22	0.0438	0.088	0.058	0.076	0.045	0.180	0.035	0.030	0.083	0.136A	0.204	0.0288	22
23	0.082	0.0428	0.088	0.080	0.041	0.118	0.033	0.030	0.133	0.112A	0.148	0.0288	23
24	0.048	0.0378	0.110	0.055	0.046	0.102	0.028	0.030	0.052	0.092A	0.118	0.0288	24
25	0.0318	0.0328	0.207	0.080	0.042	0.083	0.028	0.034A	0.048	0.077A	0.101	0.0288	25
26	0.2408	0.0318	0.488	0.048	0.092	0.073	0.028	0.027	0.040	0.088A	0.107	0.0288	26
27	0.065	0.0288	0.455	0.048	0.048	0.085	0.032	0.028	0.035	0.083A	0.094	0.0288	27
28	0.124	0.0278	0.442	0.044	0.044	0.066	0.040	0.026	0.033	0.088A	0.1818	0.0288	28
29	0.110		0.413	0.043	0.038	0.050	0.029	0.025	0.034	0.082A	0.111	0.0278	29
30	0.362		0.330	0.040	0.051	0.048	0.031	0.025	0.030	0.061A	0.087	0.0278	30
31	0.157		0.280		0.058		0.030	0.026		0.142A		0.0808	31
TOTAL	2.481	1.292	5.167	4.381	3.868	3.181	1.188	1.120	1.878	2.418	5.423	1.302	TOTAL
MEAN	0.080	0.048	0.188	0.148	0.118	0.108	0.038	0.038	0.058	0.078	0.214	0.042	MEAN
MAX	0.350	0.133	0.882	0.881	0.438	0.352	0.077	0.138	0.221	0.384	0.838	0.081	MAX
MIN	0.028	0.027	0.028	0.040	0.038	0.043	0.026	0.025	0.026	0.026	0.080	0.027	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.084
MAXIMUM DAILY, 0.882 ON MAR 15
MINIMUM DAILY, 0.0228 ON MAR 3
MAXIMUM INSTANTANEOUS,
1.30E AT 13.18 EST ON MAR 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 14 26 N
LONG 76 34 44 W

DRAINAGE AREA, 4.96 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	215	JUL	102
FEB	112	AUG	97.6
MAR	445	SEP	148
APR	378	OCT	208
MAY	335	NOV	555
JUN	276	DEC	112

TOTAL DISCHARGE, 2 980 dam³

WEST BRANCH SCOTCH RIVER NEAR ST. ISIDORE DE PRESCOTT - STATION NO. 02LB016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	2.48 B	0.883	---	---	---	---	---	---	---	1
2	---	---	---	4.04 B	0.979	---	---	---	---	---	---	---	2
3	---	---	---	6.30 B	3.38	---	---	---	---	---	---	---	3
4	---	---	---	7.34 B	3.00	---	---	---	---	---	---	---	4
5	---	---	---	7.09	2.01	---	---	---	---	---	---	---	5
6	---	---	---	6.37	3.54	---	---	---	---	---	---	---	6
7	---	---	---	3.08	4.53	---	---	---	---	---	---	---	7
8	---	---	---	2.08	3.40	---	---	---	---	---	---	---	8
9	---	---	---	1.60	2.28	---	---	---	---	---	---	---	9
10	---	---	---	1.32	1.87	---	---	---	---	---	---	---	10
11	---	---	---	1.04	1.38	---	---	---	---	---	---	---	11
12	---	---	---	0.904	1.43	---	---	---	---	---	---	---	12
13	---	---	---	0.803	1.26	---	---	---	---	---	---	---	13
14	---	---	---	1.03	8.43	---	---	---	---	---	---	---	14
15	---	---	---	1.12	5.97	---	---	---	---	---	---	---	15
16	---	---	---	1.31	3.05	---	---	---	---	---	---	---	16
17	---	---	2.24 B	1.26	1.92	---	---	---	---	---	---	---	17
18	---	---	---	2.47	1.39	---	---	---	---	---	---	---	18
19	---	---	---	2.03	1.36	---	---	---	---	---	---	---	19
20	---	---	---	1.43	---	---	---	---	---	---	---	---	20
21	---	---	0.4858	1.17	---	---	---	---	---	---	---	---	21
22	---	---	0.4508	0.882	---	---	---	---	---	---	---	---	22
23	---	---	0.4048	0.823	---	---	---	---	---	---	---	---	23
24	---	---	0.4008	0.736	---	---	---	---	---	---	---	---	24
25	---	---	0.4328	0.868	---	---	---	---	---	---	---	---	25
26	---	---	4.15 B	0.838	---	---	---	---	---	---	---	---	26
27	---	---	13.1 B	0.827	---	---	---	---	---	---	---	---	27
28	---	0.0528	28.5 B	0.833	---	---	---	---	---	---	---	---	28
29	---		25.8 B	0.812	---	---	---	---	---	---	---	---	29
30	---		8.18 B	0.823	---	---	---	---	---	---	---	---	30
31	---		2.17 B		---		---	---		---	---	---	31
TOTAL	---	---	---	80.881	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	2.02	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	7.34	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	0.812	---	---	---	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 28.58 ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 22 33 N
LONG 74 55 51 W
DRAINAGE AREA, 88.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	5 240	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

REMARKS - SEASONAL OPERATION (MAR-JUN)

WEST DUFFINS CREEK ABOVE GREEN RIVER - STATION NO. 02HC038

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4388	0.6808	0.1958	0.573	0.561	0.581	0.216	0.187	0.619	0.248	0.628	0.5308	1
2	0.4188	0.5608	0.1948	0.515	0.708	0.947	0.209	0.217	0.512	0.288	0.462	0.6608	2
3	0.4038	0.4708	0.1908	0.893	0.785	0.568	0.203	0.223	0.274	0.303	0.471	0.5008	3
4	0.3958	0.4308	0.1878	1.53	0.630	0.448	0.198	0.500	0.250	0.277	0.366	0.4408	4
5	0.3808	0.4008	0.1848	0.891	0.889	0.353	0.197	1.21	0.232	0.263	0.358	0.5488	5
6	0.3658	0.3708	0.1828	0.711	1.20	0.333	0.196	0.616	0.228	0.282	0.492	0.4408	6
7	0.3808	0.3458	0.1788	0.651	0.984	0.312	0.194	0.323	0.443	0.285	0.636	0.3608	7
8	1.33 B	0.3258	0.1768	0.568	1.14	0.318	0.186	0.255	0.367	0.270	0.841	0.3408	8
9	0.7008	0.3058	0.1748	0.527	0.739	0.290	0.197	0.231	0.328	0.277	1.26	0.3308	9
10	0.5208	0.2908	0.1728	0.488	0.828	0.286	0.193	0.217	0.287	0.315	0.780	0.3608	10
11	0.5008	0.2808	0.1698	0.471	0.651	0.278	0.186	0.253	0.266	0.597	0.558	0.4128	11
12	0.4808	0.2658	0.1678	0.471	2.26	0.256	0.181	0.229	0.250	0.408	0.500	0.3758	12
13	1.00 B	0.2558	0.1658	0.728	1.42	0.249	0.180	0.221	0.240	0.341	0.439	0.3508	13
14	0.4708	0.2508	0.1648	0.684	0.771	0.249	0.182	0.218	0.242	0.334	0.630	0.3308	14
15	0.4508	0.3808	3.20 B	0.630	0.618	0.266	0.178	0.224	0.250	0.480	3.28	0.3108	15
16	0.4308	0.3458	2.00 B	0.557	0.518	0.281	0.179	0.249	0.264	0.673	2.70	0.2958	16
17	0.4208	0.3158	1.10 B	0.606	0.471	0.349	0.177	0.226	0.298	0.451	1.13	0.3608	17
18	0.4188	0.2958	0.8508	0.622	0.418	0.410	0.178	0.215	0.275	0.495	0.826	0.2708	18
19	0.4808	0.2808	0.7208	0.548	0.408	0.324	0.178	0.206	0.251	0.422	0.511	0.2428	19
20	0.3908	0.2888	0.6408	0.488	0.437	1.32	0.177	0.234	0.239	0.653	1.42	0.2538	20
21	0.3758	0.2678	0.6008	0.467	0.580	0.838	0.177	0.246	0.239	0.742	1.53 B	0.2488	21
22	0.3848	0.2478	0.5858	0.477	0.463	1.21	0.172	0.229	0.280	0.606	0.8218	0.2438	22
23	0.3658	0.2378	0.5008	0.437	0.374	0.818	0.172	0.225	0.643	0.457	0.7408	0.3358	23
24	0.3608	0.2308	1.28 B	0.431	0.350	0.480	0.137	0.217	0.404	0.408	0.6728	0.2308	24
25	0.4408	0.2298	5.12 B	0.463	0.350	0.386	0.184	0.202	0.296	0.380	0.6038	0.2258	25
26	1.40 B	0.2188	5.00 B	0.492	0.371	0.311	0.188	0.187	0.291	0.368	0.5228	0.2208	26
27	0.4858	0.2148	2.25 B	0.474	0.328	0.278	0.183	0.200	0.278	0.345	0.537	0.2158	27
28	0.4108	0.2078	2.40	0.464	0.285	0.257	0.190	0.197	0.273	0.345	1.37	0.2108	28
29	0.4008		1.73	0.485	0.281	0.231	0.174	0.206	0.264	0.337	0.7288	0.2068	29
30	2.50 B		0.785	0.663	0.345	0.221	0.172	0.218	0.252	0.327	0.5548	0.2068	30
31	1.40 B		0.644		0.483		0.167	0.200		0.377		0.2408	31
TOTAL	19.080	9.123	32.005	18.437	20.417	13.442	5.656	6.769	8.333	12.356	26.275	10.135	TOTAL
MEAN	0.615	0.326	1.03	0.615	0.659	0.448	0.183	0.283	0.311	0.399	0.876	0.327	MEAN
MAX	2.50	0.680	5.12	1.63	2.26	1.32	0.216	1.21	0.643	0.742	3.28	0.880	MAX
MIN	0.360	0.207	0.164	0.431	0.285	0.221	0.137	0.167	0.226	0.249	0.358	0.205	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.557
MAXIMUM DAILY, 5.12B ON MAR 25
MINIMUM DAILY, 0.137 ON JUL 24
MAXIMUM INSTANTANEOUS,
12.2B AT 20:40 EST ON MAR 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 54 54 N
LONG 79 10 47 W
DRAINAGE AREA, 52.0 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 650	JUL	469
FEB	788	AUG	756
MAR	2 770	SEP	806
APR	1 590	OCT	1 070
MAY	1 780	NOV	2 270
JUN	1 190	DEC	876

TOTAL DISCHARGE, 16 000 dam³

WEST NUMBER RIVER AT HIGHWAY NO. 7 - STATION NO. 02HC031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.310B	0.850B	0.028B	0 808	0.820E	0 314	0.033	0.012	0.023	0.036	0.074	0 476	1
2	0.270B	0.840B	0.028B	0.812	0.700E	0 278	0.034	0.012	0.016	0.035	0.074	0.3308	2
3	0.240B	0.480B	0.027B	1.71	0.600E	0 641	0.027	0.010	0.011	0.036	0.073	0.2808	3
4	0.210B	0.380B	0.028B	5.17	0.780E	0.432	0.018	0.182	0.011	0.034	0.080	0.2108	4
5	0.180B	0.280B	0.035B	3.52	0.880E	0.278E	0.018	0.178	0.010	0.029	0.102	0.1448	5
6	0.180B	0.350B	0.024B	2.04	0.800E	0.182	0.015	0.114	0.009	0.031	0.124	0.1228	6
7	0.180B	0.328B	0.024B	2.35	0.850E	0.251	0.014	0.080	0.108	0.028	0.281	0.1058	7
8	0.500B	0.210B	0.023B	1.42	1.03 E	0.148	0.012	0.046	0.030	0.029	0.339	0.0858	8
9	0.440B	0.198B	0.023B	0.883	1.05 E	0.208	0.013	0.030	0.021	0.031	0.807	0.0808	9
10	0.325B	0.170B	0.021B	0.783	0.850E	0.142	0.012	0.023	0.022	0.113E	0.478	0.0758	10
11	0.282B	0.165B	0.021B	0.611	1.30 E	0.203E	0.012	0.021	0.023	0.160E	0.368	0.0858	11
12	0.278B	0.135B	0.021B	0.655	2.50 E	0.150E	0.011	0.088	0.037	0.188E	0.280	0.0558	12
13	0.250B	0.120B	0.021B	0.658	5.00 E	0.105E	0.010	0.932	0.031	0.165E	0.224	0.0508	13
14	0.232B	0.106B	0.021B	0.883	3.50 E	0.075E	0.010	1 58	0.033	0.140E	0.424	0.0458	14
15	0.220B	0.095B	18.7 B	1.01	2.30 E	0.050E	0.008	0.411	0.037	0.134	8.47	0.0428	15
16	0.215B	0.080B	8.98	1.03	1.52 E	0.056	0.008	0.230	0.032	0.128	13.6	0.0388	16
17	0.210B	0.075B	2.12	0.847	0.818	0.102	0.006	0.158	0.057	0.148	3.38	0.0328	17
18	0.205B	0.065B	1.48 B	0.838E	0.348	0.083	0.007	0.119	0.043	0.088	1.24	0.0308	18
19	0.200B	0.060B	0.703B	0.780E	0.249	0.101	0.007	0.084	0.038	0.151	0.682	0.0288	19
20	0.225B	0.055B	0.477	0.700E	0.248	0.212	0.008	0.048	0.036	0.764	0.5308	0.0238	20
21	0.285B	0.050B	0.403	0.840E	0.241	0.208	0.006	0.045	0.028	0.484	0.5808	0.0208	21
22	0.240B	0.048B	0.347	0.580E	0.208	1.58	0.005	0.030	0.077	0.270	0.4908	0.0188	22
23	0.215B	0.045B	0.603	0.520E	0.149	1.80	0.006	0.029	0.108	0.188	0.4408	0.0188	23
24	0.198B	0.042B	1.89	0.470E	0.114	0.885	0.008	0.032	0.040	0.108	0.4008	0.0178	24
25	0.205B	0.040B	18.8	0.420E	0.089	0.335	0.076	0.026	0.043	0.084	0.3808	0.0188	25
26	0.740B	0.038B	10.9	0.430E	0.138	0.208	0.018	0.021	0.042	0.078	0.384	0.0158	26
27	0.570B	0.037B	7.57	0.458E	0.088	0.148	0.021	0.018	0.037	0.078	0.5158	0.0148	27
28	0.450B	0.035B	5.47	0.435E	0.065	0.068	0.023	0.015	0.032	0.078	3.84	0.0138	28
29	0.480B		4.37	0.470E	0.288	0.054	0.018	0.015	0.030	0.088	2.48 B	0.0128	29
30	1.05 B		1.84	0.540E	0.219	0.043	0.018	0.015	0.028	0.078	1.04	0.0118	30
31	1.10 B		1.12		0.289		0.013	0.013		0.111		0.0808	31
TOTAL	10.784	4.938	81.126	32.088	27.699	9.365	0.497	4.824	1.080	4.041	38.980	2.535	TOTAL
MEAN	0.347	0.176	2.84	1.07	0.894	0.312	0.016	0.148	0.036	0.131	1.30	0.082	MEAN
MAX	1.10	0.850	18.8	5.17	5.00	1.80	0.076	1.58	0.108	0.764	13.6	0.476	MAX
MIN	0.180	0.035	0.021	0.420	0.055	0.043	0.005	0.010	0.009	0.026	0.073	0.011	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.624
MAXIMUM DAILY, 18.8 ON MAR 25
MINIMUM DAILY, 0.005 ON JUL 22
MAXIMUM INSTANTANEOUS
58.3 AT 21:52 EST ON MAR 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 45 30 N
LONG 78 40 41 W
DRAINAGE AREA, 148 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	930	JUL	42.8
FEB	427	AUG	400
MAR	7 870	SEP	94.2
APR	2 770	OCT	351
MAY	2 38[illegible]	NOV	3 370
JUN	805	DEC	219

TOTAL DISCHARGE, 18 700 dam³

WEST MONTREAL RIVER AT MISTINIKON LAKE DAM - STATION NO. 02JD012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.0	15.5	14.4	15.0	50.4	92.4	18.0	9.00	5.90	3.10	5.80	16.2	1
2	18.7	14.5	14.2	15.1	84.0	76.7	19.1	8.50	5.80	3.10	5.60	15.7	2
3	18.7	19.0	13.8	15.2	92.0	84.4	20.3	8.00	5.90	2.80	7.00	15.2	3
4	15.9	27.1	13.4	16.1	92.0	86.5	21.5	7.70	5.90	2.80	8.00	14.7	4
5	15.7	24.4	13.0	15.8	84.3	67.1	21.5	7.70	6.80	2.80	8.00	14.7	5
6	17.4	22.1	12.8	17.8	86.5	84.8	22.1	7.30	6.80	2.80	8.30	14.2	6
7	19.8	20.4	12.8	18.0	88.7	82.5	23.3	7.30	6.80	2.80	8.20	14.2	7
8	18.0	18.7	12.8	18.2	100	81.0	24.8	6.90	6.80	2.60	10.1	14.2	8
9	17.6	16.9	12.8	18.4	100	58.4	26.1	6.90	6.80	2.60	10.8	14.2	9
10	17.0	16.8	12.8	18.6	98.8	56.8	25.8	6.90	6.80	3.80	12.8	13.7	10
11	16.3	15.0	12.8	18.4	97.3	54.4	25.8	6.60	6.20	2.80	14.7	13.7	11
12	15.5	14.0	12.8	20.2	95.7	52.2	25.8	6.20	6.20	2.80	16.8	12.7	12
13	22.8	20.8	13.0	20.8	93.0	43.3	25.8	5.80	4.80	3.10	18.8	12.7	13
14	27.8	40.4	13.0	20.8	90.0	38.3	25.0	5.80	4.80	3.10	19.1	14.2	14
15	24.8	37.1	13.2	20.8	81.8	41.7	24.0	5.80	4.80	3.10	20.3	16.0	15
16	22.2	33.8	13.4	20.8	51.7	42.3	23.0	5.70	4.80	3.40	21.5	16.8	16
17	20.3	32.0	13.4	20.8	42.0	42.3	22.1	6.20	4.30	3.10	22.7	15.8	17
18	18.3	30.2	13.4	22.0	61.3	43.0	20.8	6.20	4.00	2.80	22.0	14.7	18
19	17.3	28.2	13.2	23.1	58.3	43.7	19.5	6.20	4.00	2.60	21.5	14.0	19
20	30.0	26.2	13.2	24.5	81.8	43.7	18.0	6.20	3.70	2.80	21.5	13.3	20
21	21.4	25.1	13.3	26.3	84.3	31.3	16.8	6.20	3.70	3.10	21.5	13.8	21
22	19.7	24.0	13.0	28.1	77.2	22.8	15.4	6.20	3.70	3.10	21.5	13.2	22
23	18.1	23.8	12.8	29.8	69.3	26.0	14.7	6.40	3.70	3.40	21.5	11.8	23
24	16.8	22.4	13.2	31.5	129	36.0	13.5	6.80	4.00	3.80	20.8	11.4	24
25	15.3	21.8	13.4	19.9	122	31.0	8.30	6.80	4.00	4.00	20.8	10.6	25
26	14.0	21.1	13.8	0	117	34.5	0	6.80	3.80	4.40	20.3	10.6	26
27	22.3	20.6	13.8	3.70	116	33.6	0.500	6.80	3.80	4.40	19.7	11.0	27
28	30.0	20.2	14.3	13.5	113	32.2	7.40	6.80	3.70	4.40	19.7	11.0	28
29	18.4		14.5	23.0	107	31.4	11.6	6.80	3.40	4.70	19.1	11.4	29
30	16.8		14.7	34.9	102	33.8	10.5	6.60	3.40	4.70	19.1	11.8	30
31	16.2		14.9		98.7		9.80	6.20		5.80		12.2	31
TOTAL	577.8	580.4	415.7	593.70	2 782.7	1 408.1	558.100	208.80	140.80	102.80	488.70	418.9	TOTAL
MEAN	18.6	23.2	13.4	19.8	89.1	46.8	18.0	6.73	4.68	3.31	15.8	13.5	MEAN
MAX	37.8	40.4	14.9	34.9	129	92.4	26.8	9.00	6.80	5.80	22.7	16.8	MAX
MIN	14.3	14.0	12.8	0	42.0	22.6	0	5.80	3.40	2.60	5.80	10.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.8
MAXIMUM DAILY, 129 ON MAY 24
MINIMUM DAILY, 0 ON APR 26

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 02 25 N
LONG 80 42 14 W
DRAINAGE AREA, 1 780 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	49 800	JUL	48 200
FEB	56 200	AUG	18 000
MAR	35 800	SEP	12 100
APR	51 300	OCT	8 850
MAY	238 000	NOV	42 200
JUN	122 000	DEC	36 200

TOTAL DISCHARGE, 720 000 dam³

WHITE RIVER BELOW WHITE LAKE - STATION NO. 02BC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	41.0	27.7	21.0	18.0	80.8	201	88.0	13.3	10.9	10.3 E	34.8	37.4	1
2	40.4	27.4	20.8	18.1	88.1	188	88.5	12.1	10.9	10.5 E	34.0	37.5	2
3	38.8	27.2	20.7	18.2	88.3	178	84.7	12.1	10.8	10.5 E	33.5	38.6	3
4	38.3	26.8	20.8	18.4	81.3	168	83.5	12.2	10.7	10.5 E	33.1	38.0	4
5	38.8	26.2	20.4	18.8	97.8	158	41.8	12.1	10.7	10.4 E	32.8	38.3	5
6	37.2	25.7	20.2	18.8	115	148	26.8	12.1	10.7	10.3 E	32.7	38.8	6
7	36.7	25.5	20.0	18.7	135	144	20.2	11.9	10.8	10.1 E	32.8	38.2	7
8	37.1	25.3	19.8	18.8	154	139	15.8	11.8	10.8	9.85E	32.8	33.7	8
9	36.3	25.0	19.6	19.2	173	132	15.8	11.8	10.8	9.80E	33.7	33.4	9
10	36.1	24.8	19.3	19.3	189	126	15.9	11.7	10.8	9.65E	34.7	33.1	10
11	35.1	24.8	19.1	19.5	203	121	15.0	11.7	10.8	9.65E	35.8	32.8	11
12	35.8	24.5	18.9	19.7	217	117	14.0	11.7	10.5	9.60E	37.3	32.1	12
13	35.1	24.2	18.8	19.7	229	114	14.1	11.6	10.5	9.55E	39.4	31.8	13
14	34.6	24.2	18.8	20.1	238	111	14.3	11.6	12.7	9.67E	41.3	30.8	14
15	34.2	24.3	18.5	20.2	283	107	14.1	11.5	15.8	9.81E	43.2	30.1	15
16	34.0	24.0	18.3	20.5	284	103	14.1	11.5	15.8	9.93E	44.6	29.4	16
17	33.8	23.8	18.2	21.0	274	98.3	14.1	11.4	15.7	9.91E	41.2	28.1	17
18	33.3	23.4	18.0	20.9	262	95.5	14.3	11.2	14.8	9.98E	40.8	26.8	18
19	32.7	23.3	17.9	21.1	251	91.8	14.3	11.1	14.1	9.98	40.5	28.2	19
20	32.4	22.9	17.7	21.6	295	88.8	14.3	11.2	14.4	9.35	41.0	27.6	20
21	31.7	22.7	17.5	21.7	285	85.4	14.2	11.3	14.6	9.70	40.8	27.1	21
22	31.4	22.5	17.3	22.3	287	81.8	14.1	11.3	14.4	9.33	40.5	26.7	22
23	30.8	22.2	17.2	22.8	282	79.2	14.0	11.3	13.1	9.31	40.5	26.1	23
24	30.5	21.9	17.0	23.5	287	78.4	13.7	11.2	13.8E	9.32	40.3	25.8	24
25	30.1	21.8	16.8	24.7	278	73.9	13.5	11.1	13.4E	9.29	39.7	25.7	25
26	29.4	21.7	16.7	26.0	269	71.0	13.4	11.2	13.0E	9.35	39.3	25.3	26
27	29.2	21.4	16.6	26.5	258	68.6	13.5	11.1	12.8E	9.32	39.1	25.1	27
28	28.7	21.2	17.7	31.5	249	66.5	13.3	11.1	12.2E	9.51	39.0	24.8	28
29	28.5		17.7	36.3	238	82.9	18.1	11.0	11.7E	9.52	38.5	24.4	29
30	28.0		17.8	43.3	233	80.7	18.4	11.0	11.2E	10.9	37.9	24.0	30
31	28.1		18.0		212		14.5	11.0		23.8		23.9	31
TOTAL	1 050.3	676.0	576.5	670.8	6 583.1	3 380.6	885.4	358.2	372.5	317.10	1 135.2	930.5	TOTAL
MEAN	33.9	24.1	18.6	22.4	212	112	22.1	11.5	12.4	10.2	37.8	30.0	MEAN
MAX	41.0	27.7	21.0	43.3	287	201	88.0	13.3	15.8	23.8	44.6	37.5	MAX
MIN	28.0	21.2	16.7	18.0	80.8	80.7	13.2	11.0	10.5	9.08	32.8	23.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 45.7
MAXIMUM DAILY, 287 ON MAY 22
MINIMUM DAILY, 9.08 ON OCT 18
MAXIMUM INSTANTANEOUS,
301 AT 22:00 EST ON MAY 21

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 39 19 N
LONG 85 44 32 W
DRAINAGE AREA, 4 170 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	90 700	JUL	59 300
FEB	58 400	AUG	30 900
MAR	49 800	SEP	32 200
APR	58 000	OCT	27 400
MAY	587 000	NOV	98 100
JUN	280 000	DEC	80 400

TOTAL DISCHARGE, 1 440 000 dam³

WHITEFISH RIVER AT NOLALU - STATION NO. 02AB017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.7309	0.3498	0.2528	0.2808	14.1	2.89	4.57	0.486	0.984	0.330	0.339	0.3088	1
2	0.7108	0.3428	0.2508	0.2808	12.3	2.70	2.38	0.469	0.481	0.351	0.3638	0.3028	2
3	0.6958	0.3368	0.2458	0.2888	12.0	2.68	2.09	0.506	0.401	0.369	0.3188	0.2948	3
4	0.6758	0.3308	0.2478	0.3088	13.4	2.55	1.68	0.494	0.931	0.325	0.3248	0.2878	4
5	0.6808	0.3248	0.2448	0.3178	16.8	2.44	1.32	0.401	1.81	0.359	0.388	0.2828	5
6	0.6458	0.3218	0.2438	0.3288	16.1	2.38	1.21	0.328	1.35	0.373	0.453	0.2788	6
7	0.6308	0.3188	0.2428	0.3408	12.4	2.41	1.10	0.278	1.10	0.375	0.475	0.2708	7
8	0.6058	0.3128	0.2438	0.5508	11.3	3.08	0.961	0.237	0.874	0.355	0.485	0.2658	8
9	0.5958	0.3088	0.2398	0.7408	9.83	3.30	0.854	0.220	0.681	0.352	0.554	0.2808	9
10	0.5758	0.3068	0.2378	0.9208	8.88	2.98	0.775	0.187	0.587	0.393	0.958	0.2598	10
11	0.5808	0.3028	0.2388	1.28 E	8.17	3.32	0.727	0.153	0.484	0.348	0.5408	0.2608	11
12	0.5408	0.2988	0.2358	1.94 E	7.25	2.50	0.648	0.140	0.472	0.330	0.4988	0.2488	12
13	0.5308	0.2958	0.2348	1.71 E	6.48	12.2	0.571	0.152	0.444	0.312	0.4848	0.2418	13
14	0.5158	0.2938	0.2328	1.67 E	5.85	9.85	0.525	0.168	0.415	0.305	0.4708	0.2378	14
15	0.5088	0.2898	0.2318	2.02 E	5.33	6.85	0.501	0.283	0.383	0.305	0.4638	0.2338	15
16	0.4908	0.2868	0.2308	3.80 E	4.83	4.14	0.868	0.257	0.330	0.314	0.4508	0.2308	16
17	0.4808	0.2838	0.2308	3.85 E	4.20	3.14	1.18	0.210	0.290	0.314	0.4358	0.2288	17
18	0.4708	0.2808	0.2298	5.25 E	3.72	2.60	0.878	0.155	0.234	0.326	0.4258	0.2238	18
19	0.4608	0.2778	0.2278	7.07 E	3.52	2.18	0.801	0.132	0.260	0.308	0.4158	0.2208	19
20	0.4508	0.2748	0.2278	9.00 E	5.85	1.91	0.840	0.330	0.515	0.314	0.4058	0.2168	20
21	0.4408	0.2728	0.2268	10.8	8.87	1.85	0.758	0.335	0.784	0.310	0.3958	0.2138	21
22	0.4308	0.2708	0.2258	14.7	6.94	1.53	0.671	0.702	0.904	0.335	0.3858	0.2108	22
23	0.4208	0.2678	0.2248	14.2	5.60	1.66	0.600	0.576	0.820	0.334	0.3758	0.2078	23
24	0.4108	0.2648	0.2248	17.3	5.20	2.10	0.531	0.442	0.738	0.342	0.3658	0.2048	24
25	0.4008	0.2628	0.2308	22.2	8.07	1.87	0.467	0.355	0.841	0.338	0.3558	0.2028	25
26	0.3938	0.2618	0.2368	22.8	6.24	1.98	0.427	0.273	0.576	0.348	0.3608	0.2008	26
27	0.3838	0.2598	0.2438	23.2	5.22	2.42	0.500	0.260	0.512	0.306	0.3408	0.1978	27
28	0.3768	0.2568	0.2498	21.8	4.27	2.04	0.556	0.257	0.432	0.272	0.3308	0.1958	28
29	0.3678		0.2598	19.4	3.89	1.85	0.537	0.602	0.348	0.464	0.3238	0.1938	29
30	0.3618		0.2648	16.4	3.76	4.67	0.494	0.672	0.359	0.433	0.3158	0.1918	30
31	0.3548		0.2728		3.39		0.458	0.568		0.432		0.1898	31
TOTAL	16.854	8.234	7.409	223.801	241.42	95.57	30.836	10.738	18.756	10.621	12.433	7.331	TOTAL
MEAN	0.511	0.294	0.239	7.46	7.78	3.19	0.988	0.346	0.625	0.343	0.414	0.236	MEAN
MAX	0.730	0.349	0.272	23.2	16.8	12.2	4.57	0.702	1.81	0.464	0.698	0.306	MAX
MIN	0.354	0.258	0.224	0.280	3.39	1.53	0.427	0.132	0.234	0.272	0.315	0.189	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.67
MAXIMUM DAILY, 23.2 ON APR 27
MINIMUM DAILY, 0.132 ON AUG 18
MAXIMUM INSTANTANEOUS,
23.8 AT 23:40 EST ON APR 26

SUMMARY FOR THE YEAR 1985

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 17 30 N
LONG 89 48 33 W
DRAINAGE AREA, 210 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 370	JUL	2 660
FEB	711	AUG	926
MAR	840	SEP	1 620
APR	19 300	OCT	818
MAY	20 800	NOV	1 070
JUN	8 280	DEC	633

TOTAL DISCHARGE, 58 000 dam³

WHITEMANS CREEK NEAR MOUNT VERNON - STATION NO. 02CB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.89	8.16	1.488	11.4	2.33	2.24	2.18	0.584	0.528	0.507	0.648	2.28	1
2	4.95	7.41	1.458	8.36	2.40	2.67	1.84	0.547	0.723	0.521	0.838	1.66	2
3	3.82	4.76	1.458	7.28	2.33	2.82	1.79	0.523	0.612	0.514	0.858	1.72	3
4	2.908	4.36	1.51	8.41	2.23	3.08	1.71	0.521	0.558	0.508	0.865	1.87 B	4
5	2.588	3.73	1.56	10.3	2.23	3.16	1.68	0.498	0.505	0.551	0.871	1.84 B	5
6	2.408	3.43	1.398	11.1	2.30	2.89	1.54	0.633	0.528	0.535	1.01	1.88	6
7	2.558	2.91	1.698	9.59	2.30	2.54	1.43	0.572	0.581	0.512	1.16	1.48	7
8	4.38	2.408	1.538	7.77	2.31	2.27	1.31	0.581	0.544	0.521	1.58	1.42	8
9	3.88	2.308	1.438	6.31	2.28	2.20	1.17	0.874	0.531	0.528	1.80	1.37	9
10	4.77	2.238	1.808	5.45	2.22	2.08	1.14	0.550	0.507	0.648	1.84	1.37	10
11	5.37	2.16	2.93	4.79	2.12	2.00	1.08	0.508	0.488	0.750	1.74	1.35	11
12	5.85	2.07	4.58	4.39	2.37	2.15	1.02	0.489	0.485	0.782	1.61	1.21 B	12
13	4.86	1.98	3.72	4.57	2.68	2.07	0.916	0.461	0.487	0.786	1.86	1.21 B	13
14	4.01	2.12	4.01	4.76	2.68	1.93	0.829	0.489	0.512	0.725	1.48	1.15 B	14
15	3.87	2.35	4.69	4.84	2.52	1.85	0.783	0.508	0.543	0.702	1.86	1.14 B	15
16	3.37	2.368	5.09	5.24	2.36	1.80	0.732	0.848	0.538	0.737	3.32	1.13 B	16
17	2.94	2.068	5.18	5.10	2.18	1.79	0.805	0.846	0.567	0.807	4.59	1.11 B	17
18	2.79	1.948	4.90	5.47	2.12	1.84	0.830	0.599	0.548	0.848	4.39	1.10 B	18
19	2.75	1.938	5.938	5.38	2.07	1.82	0.598	0.602	0.508	0.833	3.23	1.08 B	19
20	2.79	1.90	7.598	4.82	2.01	1.91	0.803	0.800	0.504	0.888	2.94	1.08 B	20
21	2.388	1.85	6.77	4.07	2.01	1.92	0.837	0.613	0.508	1.23	2.87	1.04 B	21
22	2.508	1.82	4.97	3.63	2.01	2.18	0.905	0.584	0.557	1.40	2.48	1.03 B	22
23	2.46	1.87	4.49	3.17	1.89	3.50	0.852	0.571	0.714	1.31	2.25	1.01 B	23
24	2.40	1.848	5.90	2.87	1.94	4.55	0.736	0.564	0.851	1.18	2.08	0.9988	24
25	2.48	1.858	7.44	2.71	1.95	11.7	0.684	0.516	0.818	1.06	1.97	0.9808	25
26	3.89	1.66	9.05	2.65	2.12	9.47	0.735	0.482	0.587	1.04	1.90	0.8738	26
27	4.57	1.80	11.3	2.61	2.19	5.56	0.784	0.434	0.555	0.998	1.87	0.9888	27
28	4.68	1.56	12.7	2.54	2.15	3.83	0.769	0.384	0.574	0.920	2.11	0.9618	28
29	4.65		13.1	2.46	2.04	2.87	0.720	0.427	0.639	0.881	2.48	0.9508	29
30	5.72		15.2	2.37	1.98	2.53	0.884	0.439	0.511	0.886	2.49	0.8398	30
31	6.97		15.6		1.96		0.808	0.423		0.857		1.07	31
TOTAL	119.20	76.01	170.46	164.42	68.28	93.19	32.184	16.940	16.721	28.002	60.770	38.997	TOTAL
MEAN	3.85	2.71	5.50	5.48	2.20	3.11	1.04	0.546	0.557	0.807	2.03	1.28	MEAN
MAX	6.97	8.16	15.6	11.4	2.68	11.7	2.18	0.698	0.723	1.40	4.59	2.28	MAX
MIN	2.36	1.56	1.39	2.37	1.89	1.79	0.530	0.384	0.486	0.507	0.838	0.939	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.42
MAXIMUM DAILY, 15.6 ON MAR 31
MINIMUM DAILY, 0.384 ON AUG 28
MAXIMUM INSTANTANEOUS,
15.6 AT 10:10 EST ON MAR 31

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 07 33 N
LONG 80 23 06 W
DRAINAGE AREA, 383 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10 300	JUL	2 780
FEB	6 870	AUG	1 460
MAR	14 700	SEP	1 440
APR	14 200	OCT	2 160
MAY	6 800	NOV	6 250
JUN	8 050	DEC	3 370

TOTAL DISCHARGE, 76 200 dam³

WHITESAND RIVER ABOVE SCHREIBER AT MINOVA MINE - STATION NO. 02BA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0348	0.0388	0.832	0.202	0.130	0.147	0.027	0.038	0.040	0.0238	1
2	---	---	0.0348	0.0388	0.865	0.191	0.111	0.098	0.026	0.100	0.031	0.0218	2
3	---	---	0.0338	0.0428	1.12	0.200	0.092	0.090	0.029	0.070	0.031	0.0188	3
4	---	---	0.0338	0.0488	1.34	0.192	0.078	0.081	0.042	0.043	0.032	0.0178	4
5	---	---	0.0338	0.0508	1.74	0.243	0.088	0.061	0.054	0.040	0.132	0.0188	5
6	---	---	0.0328	0.0548	1.87	0.228	0.088	0.074	0.036	0.041	0.178	0.0148	6
7	---	---	0.0328	0.0808	1.19	0.303	0.088	0.089	0.031	0.033	0.129	0.0138	7
8	---	0.0438	0.0328	0.0868	1.08	0.321	0.087	0.066	0.036	0.027	0.458	0.0128	8
9	---	0.0428	0.0318	0.0748	1.16	0.271	0.087	0.070	0.036	0.024	1.04	0.0118	9
10	---	0.0418	0.0318	0.0628	1.15	0.225	0.098	0.087	0.030	0.022	0.717	0.0108	10
11	---	0.0418	0.0318	0.0508	1.20	0.189	0.088	0.088	0.029	0.032	0.574	0.0098	11
12	---	0.0418	0.0308	0.0848	1.30	0.168	0.077	0.083	0.040	0.031	0.433	0.0088	12
13	---	0.0408	0.0308	0.1088	1.54	0.227	0.073	0.087	0.030	0.030	0.380	0.0088	13
14	---	0.0408	0.0308	0.1198	1.83	0.191	0.093	0.074	0.060	0.019	0.313	0.0088	14
15	---	0.0408	0.0288	0.1328	1.40	0.164	0.077	0.083	0.032	0.018	0.276	0.0088	15
16	---	0.0388	0.0298	0.1538	1.22	0.139	0.078	0.085	0.025	0.021	0.220	0.0088	16
17	---	0.0388	0.0298	0.1708	0.984	0.111	0.074	0.087	0.026	0.035	0.240	0.0078	17
18	---	0.0388	0.0298	0.1958	0.817	0.090	0.077	0.084E	0.030	0.019	0.213	0.0078	18
19	---	0.0388	0.0288	0.2208	0.674	0.083	0.088	0.117	0.040	0.017	0.1808	0.0078	19
20	---	0.0388	0.0288	0.261	0.804	0.069	0.083	0.156	0.108	0.018	0.1258	0.0078	20
21	---	0.0378	0.0288	0.309	0.521	0.084	0.085	0.080	0.062	0.021	0.1008	0.0078	21
22	---	0.0378	0.0288	0.355	0.430	0.044	0.084	0.033	0.044	0.020	0.0828	0.0078	22
23	---	0.0378	0.0288	0.386	0.424	0.218	0.075	0.032	0.020	0.016	0.0678	0.0088	23
24	---	0.0368	0.0288	0.414	0.408	0.804	0.072	0.028	0.020	0.018	0.0578	0.0088	24
25	---	0.0368	0.0298	0.501	0.534	0.393	0.083	0.026	0.036	0.019	0.0498	0.0088	25
26	---	0.0358	0.0288	0.656	0.577	0.303	0.074	0.028	0.078	0.015	0.0428	0.0088	26
27	---	0.0358	0.0308	0.800	0.489	0.257	0.085	0.030	0.052	0.014	0.0378	0.0088	27
28	---	0.0358	0.0308	0.895	0.397	0.203	0.058	0.034	0.028	0.014	0.0338	0.0088	28
29	---	---	0.0318	0.892	0.348	0.181	0.054	0.043	0.029	0.016	0.0298	0.0088	29
30	---	---	0.0328	0.880	0.297	0.140	0.080	0.033	0.028	0.013	0.0288	0.0088	30
31	---	---	0.0338		0.240		0.081	0.028		0.028		0.0088	31
TOTAL	---	---	0.945	8.184	28.285	8.180	2.485	2.032	1.185	0.686	8.242	0.302	TOTAL
MEAN	---	---	0.030	0.272	0.912	0.205	0.080	0.066	0.039	0.029	0.308	0.010	MEAN
MAX	---	---	0.034	0.895	1.74	0.804	0.130	0.156	0.108	0.100	1.04	0.023	MAX
MIN	---	---	0.028	0.028	0.240	0.044	0.054	0.028	0.020	0.014	0.028	0.008	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.74 ON MAY 5

MAXIMUM INSTANTANEOUS,
1.87 AT 21:18 EST ON MAY 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 48 N
LONG 87 21 53 W
DRAINAGE AREA, 20.9 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	213
FEB	---	AUG	178
MAR	81.6	SEP	101
APR	705	OCT	78.5
MAY	2 440	NOV	539
JUN	532	DEC	26.1

WHITSON RIVER AT CHELMSFORD - STATION NO. 02CF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.569	2.05 B	0.8359	12.0 B	7.50	2.16	2.43	0.876	0.855	0.458	0.927	0.9108	1
2	1.538	2.00 B	0.8158	14.5 B	6.44	2.28	2.21	0.970	0.823	0.477	0.916	0.8908	2
3	1.508	1.93 B	0.7908	17.0 B	5.72	2.38	2.03	0.988	0.810	0.471	0.916	0.8708	3
4	1.478	1.87 B	0.7708	20.0 B	5.26	2.28	1.92	0.950	0.803	0.462	0.884	0.8508	4
5	1.468	1.82 B	0.7808	24.0 B	4.88	2.09	1.78	0.976	0.572	0.497	0.983	0.8408	5
6	1.458	1.76 B	0.7358	23.5 B	4.89	1.98	1.82	0.923	0.802	0.708	1.05	0.8258	6
7	1.448	1.70 B	0.7158	22.5 B	4.82	1.86	1.48	0.880	0.585	0.582	1.22	0.8058	7
8	1.708	1.85 B	0.7008	21.5 B	4.30	1.74	1.35	0.834	0.584	0.624	1.28	0.7958	8
9	2.809	1.58 B	0.8858	20.5 B	4.07	2.41	1.26	0.871	0.614	0.589	1.39	0.7808	9
10	2.859	1.53 B	0.8858	19.5	3.85	3.53	1.21	0.884	0.632	0.568	1.51	0.7708	10
11	2.498	1.48 B	0.8558	18.7	3.61	3.15	1.12	0.870	0.622	0.569	1.48	0.7558	11
12	2.378	1.44 B	0.8408	14.9	3.37	2.83	1.08	0.842	0.621	0.594	1.47	0.7458	12
13	2.259	1.39 B	0.8308	13.1	3.26	2.53	1.02	0.796	0.578	0.612	1.42	0.7358	13
14	2.168	1.36 B	0.8208	11.7	3.21	2.32	1.03	0.778	0.561	0.652	1.38	0.7258	14
15	2.079	1.33 B	0.8508	11.9	3.25	2.23	0.992	0.777	0.557	0.670	1.37	0.7158	15
16	1.978	1.27 B	0.8358	15.0	3.18	2.84	0.953	0.749	0.542	0.670	1.38	0.7088	16
17	1.928	1.23 B	0.8158	21.9	3.03	10.5	0.923	0.727	0.540	0.681	0.987	0.6958	17
18	1.898	1.18 B	0.8008	25.2	2.88	15.1	0.947	0.701	0.532	0.797	1.34	0.6808	18
19	1.858	1.15 B	0.7858	27.0	2.74	16.3	0.955	0.731	0.528	0.821	1.28 B	0.6808	19
20	1.828	1.12 B	0.7758	26.8	2.62	16.1	0.932	0.739	0.521	0.872	1.25 B	0.6708	20
21	1.788	1.08 B	0.7608	23.7	2.88	13.1	0.896	0.741	0.531	0.897	1.19 B	0.6558	21
22	1.768	1.05 B	0.7508	20.2	3.27	9.87	0.853	0.736	0.538	0.980	1.15 B	0.6558	22
23	1.748	1.02 B	0.7408	17.3	3.18	7.81	0.810	0.745	0.493	0.971	1.12 B	0.6508	23
24	1.728	1.00 B	0.8208	15.3	2.99	6.13	0.788	0.743	0.488	0.988	1.08 B	0.6458	24
25	1.698	0.9708	0.9208	14.3	2.82	4.98	0.771	0.774	0.484	0.957	1.05 B	0.6408	25
26	1.688	0.9408	1.08 B	13.8	2.72	4.46	0.757	0.718	0.478	1.01	1.03 B	0.6358	26
27	1.678	0.9108	1.20 B	12.8	2.71	4.04	1.03	0.685	0.467	0.943	1.00 B	0.6308	27
28	1.668	0.8808	2.60 B	11.3	2.54	3.45	1.42	0.685	0.504	0.937	0.9808	0.6258	28
29	1.658		9.00 B	9.82	2.40	2.97	1.18	0.655	0.486	0.921	0.9508	0.6208	29
30	1.648		8.70 B	8.55	2.19	2.66	0.986	0.529	0.473	0.928	0.9308	0.6158	30
31	1.708		9.20 B		2.15		0.907	0.645		0.931		0.6108	31
TOTAL	57.04	38.740	50.535	526.87	112.52	156.18	37.802	24.614	16.682	22.907	34.932	22.444	TOTAL
MEAN	1.84	1.38	1.63	17.6	3.63	5.21	1.21	0.794	0.553	0.739	1.16	0.724	MEAN
MAX	2.80	2.05	9.20	27.0	7.50	16.3	2.43	0.990	0.855	1.01	1.51	0.910	MAX
MIN	1.44	0.890	0.820	8.55	2.15	1.74	0.757	0.529	0.466	0.458	0.884	0.610	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.02
MAXIMUM DAILY, 27.0 ON APR 19
MINIMUM DAILY, 0.458 ON OCT 1
MAXIMUM INSTANTANEOUS,
27.8 AT 02:54 EST ON APR 20

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 34 55 N
LONG 81 11 59 W
DRAINAGE AREA, 243 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 930	JUL	3 250
FEB	3 350	AUG	2 130
MAR	4 370	SEP	1 430
APR	45 500	OCT	1 980
MAY	9 720	NOV	3 020
JUN	13 500	DEC	1 940

TOTAL DISCHARGE, 95 100 dam³

WHITSON RIVER AT VAL CARON - STATION NO. 02CF008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8508	1.08 B	0.5558	4.008	3.20	1.43	1.30 E	0.529	0.175	0.185E	---	---	1
2	0.8308	1.02 B	0.5508	6.408	2.97	1.44	1.23 E	0.615	0.091	0.208E	---	---	2
3	0.9108	0.8908	0.5458	7.408	2.84	1.51	1.09 E	0.677	0.073	0.190E	---	---	3
4	0.8908	0.8508	0.5408	8.21	2.73	1.43	1.06 A	0.655	0.082	0.170E	---	---	4
5	0.8708	0.9308	0.5308	12.2	2.64	1.30	0.975	0.613	0.106	0.255E	---	---	5
6	0.8558	0.9008	0.5258	19.1	2.57	1.21	0.888	0.611	0.109	0.330E	---	---	6
7	0.8408	0.8708	0.5208	18.7	2.51	1.13	0.793	0.457	0.111	0.300E	---	---	7
8	0.9308	0.8508	0.5108	16.8	2.41	1.08	0.707	0.580	0.182	0.270E	---	---	8
9	1.08 B	0.8308	0.5058	14.7	2.31	1.24	0.808	0.534	0.182	0.255E	---	---	9
10	1.08 B	0.8108	0.5008	11.7	2.19	1.53	0.551	0.617	0.307	0.240E	---	---	10
11	1.07 B	0.7908	0.4958	8.53	2.06	1.54	0.491	0.547	0.338	0.300E	---	---	11
12	1.05 B	0.7708	0.4908	8.04	1.95	1.45	0.453	0.446	0.339	0.370E	---	---	12
13	1.04 B	0.7508	0.4858	8.51	1.90	1.36	0.552	0.386	0.298	0.330E	---	---	13
14	1.03 B	0.7358	0.4838	8.43	1.88	1.29	0.499	0.322	0.262	0.319E	---	---	14
15	1.02 B	0.7208	0.489	4.82	1.86	1.26	0.380	0.331	0.270	0.314E	---	---	15
16	1.02 B	0.7058	0.7908	5.75	1.86	1.65	0.353	0.408	0.271	0.500E	---	---	16
17	1.01 B	0.8908	0.7808	11.0	1.79	5.30	0.333	0.405	0.258	0.430E	---	---	17
18	0.9508	0.8758	0.7708	15.4	1.85	9.62	0.323	0.500	0.260E	0.380E	---	---	18
19	0.9408	0.8858	0.7508	15.7	1.84	12.8	0.464	0.489	0.243E	0.335E	---	---	19
20	0.9708	0.8858	0.7408	15.6	1.81	9.81	0.391	0.462	0.234E	0.450E	---	---	20
21	0.9608	0.8408	0.7308	12.8	1.75	8.78	0.316	0.331	0.229E	0.840E	---	---	21
22	0.9558	0.8308	0.7158	10.3	2.02	4.87	0.270	0.357	0.228E	0.550E	---	---	22
23	0.9458	0.8208	0.7108	8.50	2.00	3.71	0.229	0.487	0.219E	0.490E	---	---	23
24	0.9408	0.8108	0.7508	7.00	1.85	2.93	0.205	0.559	0.211E	0.475E	---	---	24
25	0.9358	0.8008	0.8408	6.09	1.71	2.65	0.229	0.384	0.225E	0.480E	---	---	25
26	0.9308	0.7908	0.8508	5.46	1.72	2.51	0.456	0.305	0.220E	0.510E	---	---	26
27	0.9258	0.7808	1.15 B	4.88	1.76	2.19	1.31	0.277	0.212A	0.430E	---	---	27
28	0.9208	0.7758	1.50 B	4.30	1.65	1.84	1.16	0.248	0.230E	0.420E	---	---	28
29	0.8208		2.80 B	3.86	1.51	1.67A	0.823	0.239	0.222E	0.410E	---	---	29
30	0.8208		2.80 B	3.47	1.43	1.45E	0.660	0.226	0.210E	0.400E	---	---	30
31	0.8408		2.80 B		1.42		0.593	0.224		0.450E		---	31
TOTAL	28.815	21.210	27.598	291.24	63.19	89.86	19.682	13.809	6.387	11.377	---	---	TOTAL
MEAN	0.962	0.758	0.890	9.71	2.04	3.00	0.635	0.445	0.213	0.367	---	---	MEAN
MAX	1.08	1.08	2.80	19.7	3.20	12.8	1.31	0.677	0.339	0.840	---	---	MAX
MIN	0.840	0.675	0.483	3.47	1.42	1.08	0.206	0.224	0.073	0.170	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 19.7 ON APR 19

MAXIMUM INSTANTANEOUS,
21.1 AT 00:51 EST ON APR 19

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 37 20 N
LONG 81 00 30 W
DRAINAGE AREA, 185 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 580	JUL	1 700
FEB	1 630	AUG	1 190
MAR	2 380	SEP	552
APR	26 200	OCT	983
MAY	5 460	NOV	---
JUN	7 780	DEC	---

WILLOW CREEK ABOVE LITTLE LAKE - STATION NO. 02ED009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.670	1.33	0.163B	5.51	0.388	0.446	0.183	0.021	0.091	0.018	0.144	0.800B	1
2	0.825	1.07	0.162B	4.80	0.425	0.381	0.128	0.023	0.083	0.018	0.135	0.680B	2
3	0.592	0.830B	0.181B	4.79	0.829	0.315	0.108	0.032	0.049	0.024	0.158	0.800B	3
4	0.510B	0.580B	0.180B	5.48	0.719	0.398	0.088	0.042	0.029	0.024	0.137	0.540B	4
5	0.470B	0.430B	0.230B	4.89	0.812	0.332	0.100	0.054	0.024	0.023	0.128	0.500B	5
6	0.444B	0.280B	0.220B	3.89	1.37	0.264	0.083	0.083	0.018	0.027	0.141	0.470B	6
7	0.435B	0.275B	0.210B	3.35	1.51	0.207	0.070	0.054	0.015	0.035	0.157	0.430B	7
8	0.750B	0.260B	0.204B	2.70	2.47	0.177	0.058	0.038	0.015	0.059	0.241	0.400B	8
9	1.30 B	0.250B	0.198B	2.29	1.74	0.181	0.053	0.032	0.016	0.080	0.309	0.370B	9
10	1.00 B	0.240B	0.190B	1.81	1.20	0.221	0.047	0.031	0.022	0.059	0.327	0.380B	10
11	0.880B	0.235B	0.185B	1.58	1.07	0.248	0.043	0.030	0.022	0.093	0.358	0.330B	11
12	0.780B	0.230B	0.180B	1.38	3.82	0.183	0.038	0.029	0.017	0.088	0.323	0.312B	12
13	0.700B	0.225B	0.200B	2.01	3.81	0.151	0.032	0.025	0.012	0.084	0.281	0.298B	13
14	0.880B	0.240B	0.230B	2.10	1.98	0.126	0.031	0.028	0.014	0.088	0.248	0.272B	14
15	0.510B	0.230B	0.700B	1.81	1.41	0.118	0.029	0.065	0.018	0.245	0.809	0.268B	15
16	0.580B	0.220B	1.70 B	1.51	1.10	0.129	0.028	0.078	0.017	0.884	3.82	0.258B	16
17	0.580B	0.213B	1.45 B	1.41	0.782	0.142	0.027	0.048	0.028	0.294	2.35	0.250B	17
18	0.550B	0.207B	1.20 B	1.33	0.817	0.151	0.027	0.029	0.015	0.278	1.50	0.242B	18
19	0.540B	0.203B	0.850B	1.06	0.541	0.143	0.027	0.025	0.014	0.248	1.14	0.238B	19
20	0.520B	0.200B	0.800B	0.909	0.572	0.576	0.026	0.025	0.013	0.882	3.85	0.230B	20
21	0.480B	0.195B	0.700B	0.810	0.599	1.13	0.054	0.030	0.088	0.888	3.00 B	0.224B	21
22	0.430B	0.190B	0.650B	0.723	0.557	5.15	0.020	0.030	0.043	0.515	1.80 B	0.220B	22
23	0.400B	0.185B	0.640B	0.606	0.388	3.42	0.022	0.023	0.171	0.398	1.20 B	0.217B	23
24	0.380B	0.180B	0.860B	0.551	0.379	1.74	0.026	0.023	0.089	0.307	1.19	0.214B	24
25	0.370B	0.175B	0.800B	0.532	0.292	1.14	0.018	0.021	0.057	0.248	1.02	0.211B	25
26	0.360B	0.170B	2.00 B	0.528	0.843	0.784	0.020	0.017	0.040	0.203	0.983	0.208B	26
27	0.380B	0.188B	5.00 B	0.478	0.682	0.588	0.024	0.014	0.034	0.173	1.04	0.206B	27
28	0.400B	0.165B	17.5 B	0.441	0.423	0.478	0.033	0.013	0.027	0.158	3.39	0.204B	28
29	0.420B		25.7 A	0.418	0.298	0.258	0.029	0.014	0.022	0.140	1.43 B	0.202B	29
30	0.480B		9.03	0.385	0.316	0.187	0.025	0.014	0.020	0.134	1.00 B	0.200B	30
31	0.300B		6.72		0.482		0.022	0.013		0.122		0.280B	31
TOTAL	18.068	9.178	80.014	69.864	32.095	18.717	1.504	0.982	1.130	8.039	31.888	10.192	TOTAL
MEAN	0.583	0.328	2.58	2.00	1.04	0.857	0.049	0.032	0.038	0.185	1.08	0.329	MEAN
MAX	1.30	1.33	25.7	5.51	3.82	5.15	0.183	0.078	0.171	0.888	3.82	0.800	MAX
MIN	0.360	0.165	0.180	0.385	0.292	0.118	0.018	0.013	0.012	0.018	0.129	0.200	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.762
MAXIMUM DAILY, 25.7A ON MAR 28
MINIMUM DAILY, 0.012 ON SEP 13
MAXIMUM INSTANTANEOUS,
38.3E AT 01:33 EST ON MAR 29

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 25 29 N
LONG 79 38 39 W
DRAINAGE AREA, 94.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 580	JUL	130
FEB	793	AUG	84.8
MAR	8 910	SEP	97.6
APR	5 180	OCT	522
MAY	3 770	NOV	2 750
JUN	1 700	DEC	881

TOTAL DISCHARGE, 23 400 dam³

WILLOW CREEK AT MIDHURST - STATION NO. 02ED010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.857	0.828	0.397E	9.84	0.804	0.7	0.888	0.039	0.117	0.058E	0.417	2.31 B	1
2	0.888	0.884	0.388E	7.91	0.770	0.8	0.788	0.051	0.096	0.054E	0.410	2.14	2
3	0.861A	0.813	0.378	6.70	0.842	0.8	0.880	0.053	0.079	0.055E	0.408	1.97	3
4	0.825	0.903	0.372	6.18	0.861	0.8	0.848	0.049	0.072	0.058E	0.380	1.82	4
5	0.805	0.873	0.397	5.80	0.884	0.8	0.805	0.056	0.068	0.058E	0.393	1.68	5
6	0.773	0.799	0.380	5.40	1.01	0.9	0.848	0.056	0.075	0.062E	0.385	1.62	6
7	0.747	0.736	0.356	4.90	1.13	0.4	0.803	0.083	0.070	0.072E	0.388	1.51	7
8	0.889	0.8808	0.348	4.41	1.55	0.4	0.424	0.084	0.071	0.085E	0.464	1.38	8
9	0.890	0.8808	0.353	3.84	1.76	0.3	0.353	0.080	0.080	0.100E	0.498	1.29	9
10	0.884	0.8409	0.350	3.52	1.78	0.2	0.278	0.083	0.084	0.080E	0.467	1.21	10
11	1.03	0.8108	0.358	3.17	1.71	0.247	0.228	0.056	0.089	0.085E	0.425	1.13	11
12	1.06	0.8908	0.361	2.80	1.83	0.181	0.173	0.055	0.076	0.100E	0.420	1.04	12
13	1.03	0.578	0.345	2.72	2.42	0.151	0.124	0.053	0.067	0.097E	0.481	0.982	13
14	1.04	0.575	0.386	2.81	2.84	0.132	0.089	0.055	0.088	0.102E	0.483	0.871	14
15	1.02	0.555	0.553	2.82	2.45	0.130	0.083	0.054	0.089	0.300E	0.704	0.833	15
16	1.01	0.534	0.597	2.42	2.23	0.124	0.070	0.054	0.085	0.800E	1.85	0.805	16
17	0.988	0.527	0.735	2.29	2.02	0.118	0.060	0.045	0.082	0.760E	1.82	0.788	17
18	0.951	0.508	0.888	2.16	1.83	0.121	0.058	0.049	0.088	0.890E	1.98	0.761	18
19	0.932	0.514	0.929	2.03	1.65	0.107	0.062	0.045	0.085	0.850E	1.92	0.712	19
20	0.894	0.480	0.880	1.88	1.51	0.267	0.058	0.043	0.082	0.700E	2.08	0.883	20
21	0.8708	0.484	0.888	1.70	1.42	0.370	0.056	0.048	0.090	0.740E	2.80 B	0.849	21
22	0.834	0.483	0.842	1.58	1.32	0.888	0.083	0.042	0.163	0.770E	2.60 B	0.804	22
23	0.805	0.458	0.848	1.44	1.21	1.70	0.058	0.044	0.210E	0.750E	2.50 B	0.581	23
24	0.778	0.451	0.855	1.31	1.14	2.22	0.048	0.043	0.188E	0.740E	2.37	0.580	24
25	0.763	0.449	0.887	1.24	1.02	2.08	0.050	0.044	0.125E	0.730E	2.20	0.588	25
26	0.728	0.430	1.13	1.15	1.05	1.82	0.048	0.051	0.097E	0.890E	2.06	0.880	28
27	0.702	0.410	1.80 B	1.05	0.984	1.60	0.051	0.042	0.070E	0.805	2.00 B	0.581	27
28	0.674	0.4048	3.15 B	1.00	0.883	1.40	0.050	0.045	0.062E	0.548	2.15 B	0.544	28
29	0.676		13.4 B	0.940	0.811	1.20	0.072	0.048	0.060E	0.523	2.38 B	0.541	29
30	0.693		15.9	0.888	0.770	1.08	0.053	0.051	0.058E	0.505	2.40	0.538	30
31	0.738		12.8		0.788		0.048	0.047		0.488		0.504	31
TOTAL	28.884	18.944	82.473	95.878	43.095	21.478	7.380	1.678	2.704	11.853	39.283	31.733	TOTAL
MEAN	0.880	0.805	2.82	3.19	1.38	0.718	0.237	0.051	0.090	0.382	1.31	1.02	MEAN
MAX	1.05	0.913	15.9	9.84	2.58	2.22	0.888	0.080	0.210	0.770	2.80	2.31	MAX
MIN	0.674	0.404	0.345	0.888	0.788	0.107	0.048	0.039	0.058	0.054	0.388	0.504	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.888
MAXIMUM DAILY, 15.9 ON MAR 30
MINIMUM DAILY, 0.039 ON AUG 1
MAXIMUM INSTANTANEOUS,
17.5B AT 23:15 EST ON MAR 29

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 26 35 N
LONG 79 43 47 W
DRAINAGE AREA, 127 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 300	JUL	835
FEB	1 480	AUG	138
MAR	5 400	SEP	234
APR	8 270	OCT	1 020
MAY	3 720	NOV	3 390
JUN	1 880	DEC	2 740

TOTAL DISCHARGE, 31 300 dam³

WILMOT CREEK NEAR NEWCASTLE - STATION NO. 02HD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.7008	0.9208	0.5358	1.08	0.917	1.80	0.543	0.334	1.08	0.480	0.931	0.7108	1
2	0.6858	0.8508	0.5258	0.939	1.14	1.48	0.535	0.440	0.812	0.819	0.789	1.16 B	2
3	0.6458	0.8008	0.5208	1.39	1.18	1.01	0.514	0.437	0.643	0.818	0.623	0.9578	3
4	0.6258	0.7708	0.5108	3.10	0.980	1.06	0.486	0.528	0.488	0.545	0.987	0.8218	4
5	0.6108	0.7608	0.5058	1.85	1.08	0.811	0.484	0.820	0.488	0.548	0.877	0.8108	5
6	0.6028	0.7358	0.5008	1.31	2.38	0.733	0.480	0.523	0.465	0.550	0.885	0.7558	6
7	0.5908	0.7258	0.4958	1.23	2.17	0.702	0.467	0.402	0.475	0.544	1.01	0.8308	7
8	2.50 B	0.7108	0.4908	1.08	1.73	0.659	0.462	0.398	0.539	0.541	1.34	0.8808	8
9	1.30 B	0.7008	0.4858	0.942	1.18	0.695	0.457	0.387	0.550	0.542	1.40	0.7008	9
10	0.9208	0.6808	0.4838	0.881	1.01	0.811	0.423	0.389	0.501	0.584	0.893	0.8508	10
11	0.8708	0.6608	0.4808	0.884	1.08	0.700	0.408	0.418	0.458	0.602	0.883	0.8208	11
12	1.50 B	0.6758	0.4758	0.878	2.50	0.812	0.418	0.398	0.445	0.638	0.844	0.5508	12
13	1.00 B	0.6708	0.4758	0.888	1.77	0.581	0.424	0.383	0.445	0.582	0.781	0.5228	13
14	0.7008	1.10 B	1.18 B	0.866	1.18	0.582	0.424	0.392	0.498	0.589	1.07	0.8008	14
15	0.6158	0.9408	3.77 B	1.18	0.998	0.808	0.416	0.452	0.576	0.918	3.34	0.4858	15
16	0.5808	0.8008	1.18 B	1.08	0.841	0.830	0.390	0.487	0.525	0.848	3.18	0.4758	16
17	0.5508	0.7508	0.8548	0.990	0.873	1.03	0.371	0.424	0.801	0.881	1.85	0.4858	17
18	0.5308	0.7108	0.7488	1.07	0.810	0.862	0.398	0.396	0.525	0.817	1.18	0.4808	18
19	0.5208	0.6808	0.8578	0.971	0.778	0.729	0.408	0.408	0.467	0.882	1.05	0.4508	19
20	0.5108	0.6608	0.8218	0.889	0.815	2.11	0.420	0.484	0.470	1.03	3.43	0.4458	20
21	0.5008	0.6488	0.5918	0.832	1.07	1.88	0.400	0.541	0.484	0.986	2.51	0.4408	21
22	0.5508	0.6208	0.4888	0.871	0.814	1.07	0.391	0.545	0.552	0.829	1.15 B	0.4358	22
23	0.5108	0.6058	0.8308	0.838	0.732	0.813	0.387	0.482	1.85	0.721	0.9528	0.4308	23
24	0.4908	0.5958	0.9068	0.809	0.702	0.784	0.380	0.458	0.765	0.577	0.9198	0.4258	24
25	0.4768	0.5858	3.27 B	0.813	0.695	0.710	0.384	0.419	0.638	0.854	0.835	0.4208	25
26	0.6808	0.5758	4.82	0.847	0.769	0.863	0.374	0.412	0.587	0.838	1.05	0.4158	26
27	0.5908	0.5858	3.38	0.820	0.720	0.810	0.374	0.418	0.587	0.822	1.06	0.4108	27
28	0.5708	0.5858	2.89	0.815	0.689	0.587	0.411	0.420	0.543	0.815	1.83	0.4068	28
29	0.5808		2.67	0.848	0.648	0.840	0.402	0.418	0.524	0.809	1.04 B	0.4058	29
30	3.00 B		1.22	1.01	0.723	0.824	0.402	0.438	0.507	0.582	0.9308	0.4048	30
31	1.70 B		1.14		0.808		0.388	0.410		0.659		0.8008	31
TOTAL	28.147	20.083	37.128	32.107	33.901	28.017	13.182	13.841	18.003	21.018	39.389	17.318	TOTAL
MEAN	0.843	0.717	1.20	1.07	1.09	0.887	0.426	0.440	0.600	0.678	1.31	0.559	MEAN
MAX	3.00	1.10	4.82	3.10	2.50	2.11	0.543	0.820	1.85	1.03	3.43	1.16	MAX
MIN	0.475	0.585	0.488	0.809	0.648	0.824	0.385	0.334	0.445	0.480	0.877	0.404	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.818
MAXIMUM DAILY, 4.82 ON MAR 26
MINIMUM DAILY, 0.334 ON AUG 1
MAXIMUM INSTANTANEOUS,
9.848 AT 20:15 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 55 47 N
LONG 78 37 06 W
DRAINAGE AREA, 82.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN 2 280		JUL 1 140	
FEB 1 730		AUG 1 130	
MAR 3 210		SEP 1 550	
APR 2 770		OCT 1 820	
MAY 2 830		NOV 3 400	
JUN 2 250		DEC 1 500	

TOTAL DISCHARGE, 25 800 dam³

WILTON CREEK NEAR NAPANEE - STATION NO. 02HM004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3508	3.55 B	0.2388	6.80	0.707	0.359	0.197	0.010	0.023	0.018	0.212	1.35 B	1
2	0.3278	3.25 B	0.2208	3.88	0.888	0.481	0.174	0.011	0.044	0.012	0.230	1.24 B	2
3	0.3038	1.70 B	0.2058	4.11	1.80	0.548	0.148	0.011	0.033	0.018	0.250	1.17 B	3
4	0.2808	1.00 B	0.180	7.07	1.87	0.472	0.128	0.018	0.023	0.018	0.241	1.08 B	4
5	0.2978	0.8208	0.182	8.03	1.54	0.402	0.124	0.030	0.018	0.017	0.225	1.02 B	5
6	0.2338	0.5408	0.182	8.08	1.81	0.335	0.108	0.009	0.020	0.018	0.369	0.8488	6
7	0.2108	0.4908	0.152	6.51	2.47	0.283	0.228	0.007	0.018	0.030	0.831	0.8758	7
8	0.8888	0.4468	0.136	4.88	3.71	0.263	0.195	0.014	0.015	0.059	1.81	0.8028	8
9	1.70 B	0.4158	0.1148	3.38	3.88	0.238	0.138	0.025	0.015	0.089	2.51	0.7298	9
10	1.30 B	0.3908	0.1008	2.70	2.84	0.432	0.114	0.025	0.013	0.019	2.98	0.8568	10
11	1.01 B	0.3708	0.0888	2.31	2.48	0.480	0.108	0.139	0.012	0.022	2.85	0.5838	11
12	0.7488	0.3508	0.0738	2.08	2.57	0.378	0.078	0.073	0.013	0.024	2.03	0.5118	12
13	0.578	0.3308	0.0808	1.92	2.70	0.348	0.064	0.024	0.011	0.018	1.88	0.4488	13
14	0.478	0.3158	1.35 B	1.79	2.40	0.304	0.039	0.012	0.011	0.018	1.52	0.3868	14
15	0.437	0.3008	8.70 B	1.77	2.06	0.282	0.032	0.044	0.015	0.020	3.50	0.3238	15
16	0.398	0.2928	11.4 B	1.81	1.74	0.288	0.032	0.029	0.018	0.025	7.53	0.2808	16
17	0.383	0.2858	9.40 B	1.76	1.48	0.426	0.027	0.010	0.025	0.042	8.77	0.2428	17
18	0.3388	0.2808	8.00 B	1.82	1.33	0.578	0.019	0.008	0.027	0.050	7.85	0.2268	18
19	0.3248	0.2778	6.80 B	1.78	1.05	0.518	0.017	0.008	0.023	0.048	6.80	0.2088	19
20	0.3108	0.2748	2.80 B	1.81	0.884	0.592	0.017	0.013	0.018	0.189	6.31	0.1908	20
21	0.3008	0.2718	0.6008	1.48	0.745	0.839	0.017	0.028	0.018	0.272	5.85	0.1778	21
22	0.2908	0.4808	0.6058	1.30	0.840	0.783	0.017	0.020	0.018	0.313	4.10 B	0.1848	22
23	0.2808	0.3318	0.5058	1.17	0.831	0.851	0.018	0.018	0.027	0.344	2.81 B	0.1518	23
24	0.2708	0.3108	0.5118	1.07	0.508	0.845	0.024	0.011	0.033	0.270	2.33 B	0.1388	24
25	0.3108	0.2958	0.7588	0.940	0.484	0.458	0.018	0.010	0.031	0.243	1.81 B	0.1268	25
26	0.3908	0.2808	7.90 B	0.859	0.478	0.388	0.014	0.008	0.024	0.209	1.75	0.1178	26
27	0.3568	0.2668	12.3 B	0.795	0.477	0.351	0.013	0.007	0.020	0.211	1.81	0.1078	27
28	0.3308	0.2608	11.7 B	0.744	0.428	0.300	0.018	0.008	0.020	0.214	2.12	0.0988	28
29	0.8508		12.2 B	0.678	0.382	0.248	0.006	0.008	0.018	0.182	1.98 B	0.0868	29
30	2.63 B		8.84	0.891	0.368	0.321	0.008	0.008	0.028	0.173	1.46 B	0.0788	30
31	3.53 B		7.28		0.308		0.008	0.008		0.167		0.1158	31
TOTAL	20.382	17.835	110.797	82.847	44.784	12.723	2.145	0.448	0.824	3.320	83.818	14.812	TOTAL
MEAN	0.857	0.641	3.57	2.75	1.44	0.424	0.088	0.021	0.021	0.107	2.79	0.471	MEAN
MAX	3.53	3.55	12.3	8.03	3.71	0.839	0.228	0.139	0.044	0.344	8.77	1.35	MAX
MIN	0.210	0.260	0.060	0.678	0.308	0.221	0.008	0.008	0.011	0.012	0.212	0.078	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.08
MAXIMUM DAILY, 12.38 ON MAR 27
MINIMUM DAILY, 0.008 ON AUG 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 14 22 N
LONG 76 50 56 W
DRAINAGE AREA, 113 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN 1 760		JUL 185	
FEB 1 650		AUG 55.5	
MAR 9 570		SEP 53.9	
APR 7 140		OCT 287	
MAY 3 870		NOV 7 240	
JUN 1 100		DEC 1 280	

TOTAL DISCHARGE, 34 100 dam³

WINDIGO RIVER ABOVE MUSKRAT DAM LAKE - STATION NO. 04CB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	52.5B	43.2B	37.2B	31.5B	42.1B	180	128	91.8	115	102	89.4	71.4B	1
2	52.1B	43.0B	36.9B	31.2B	44.5B	157	130	90.5	113	101	90.5	70.8B	2
3	51.9B	42.8B	36.7B	31.0B	47.0B	155	126	87.6	115	107	90.3	70.0B	3
4	51.5B	42.5B	36.8B	30.9B	50.5B	155	125	88.2	115	110	89.8	89.5B	4
5	51.2B	42.3B	36.4B	30.8B	53.7B	158	123	88.3	116	111	90.0	89.0B	5
6	50.8B	42.0B	36.2B	30.7B	80.8	165	121	88.0	111	108	89.5	88.0B	6
7	50.5B	41.8B	36.0B	30.6B	66.4	150	122	90.5	117	106	89.3	87.3B	7
8	50.0B	41.5B	35.8B	30.4B	71.3	153	121	92.0	118	111	89.3	88.8B	8
9	49.9B	41.3B	35.6B	30.3B	75.9	153	119	92.8	110	114	88.7	85.8B	9
10	49.7B	40.9B	35.4B	30.2B	80.4	150	117	93.5	114	112	87.6	85.0B	10
11	49.4B	40.7B	35.3B	30.1B	85.5	145	116	91.8	119	114	87.4	84.2B	11
12	49.0B	40.5B	35.1B	30.0B	90.1	140	118	91.3	120	114	87.1	83.3B	12
13	48.8B	40.2B	34.8B	29.8B	94.1	138	118	85.0	124	107	85.7	82.5B	13
14	48.5B	40.0B	34.5B	29.8B	86.4	141	115	87.9	120	108	85.3	81.6B	14
15	48.0B	39.9B	34.2B	29.7B	101	140	112	88.6	119	107	84.4	80.7B	15
16	47.8B	39.6B	33.9B	29.7B	104	136	112	88.7	118	107	83.8	59.5B	16
17	47.5B	39.6B	33.7B	29.6B	109	136	112	88.4	117	107	82.7	58.0B	17
18	47.1B	39.4B	33.5B	29.7B	114	133	108	89.3	118	108	81.9	56.0B	18
19	46.8B	39.2B	33.4B	29.8B	112	128	106	89.4	110	113	80.9	57.3B	19
20	46.6B	39.0B	33.2B	29.9B	114	132	106	89.3	118	107	79.0B	56.5B	20
21	46.1B	38.9B	33.0B	30.1B	118	130	105	97.9	115	104	78.4B	55.5B	21
22	45.8B	38.7B	32.9B	30.4B	120	125	105	97.4	107	105	77.8B	54.6B	22
23	45.6B	38.5B	32.7B	31.7B	121	121	105	95.5	102	103	77.0B	53.5B	23
24	45.3B	38.2B	32.6B	32.6B	120	121	102	103	114	102	76.3B	52.6B	24
25	45.1B	38.0B	32.5B	33.5B	121	122	103	111	108	102	75.5B	51.6B	25
26	44.9B	37.8B	32.4B	34.7B	130	119	102	114	108	100	74.8B	50.8B	26
27	44.7B	37.6B	32.3B	35.7B	143	118	93.7	117	116	99.1	74.1B	50.0B	27
28	44.3B	37.4B	32.1B	37.3B	148	124	95.0	118	113	108	73.8B	49.2B	28
29	44.1B		31.9B	38.6B	154	126	96.1	116	107	101	72.9B	48.4B	29
30	43.9B		31.8B	40.3B	158	128	95.2	114	106	95.6	72.2B	47.8B	30
31	43.5B		31.7B		157		94.3	117		93.4		46.8B	31
TOTAL	1 482.9	1 124.7	1 080.3	950.9	3 103.0	4 155	3 453.3	2 989.6	3 420	3 283.1	2 485.6	1 847.7	TOTAL
MEAN	47.8	40.2	34.2	31.7	100	138	111	96.4	114	106	82.9	59.6	MEAN
MAX	52.-	43.2	37.2	40.3	158	180	130	117	124	114	90.5	71.4	MAX
MIN	43.5	37.4	31.7	29.6	42.1	116	93.7	85.0	102	93.4	72.2	46.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 80.4
MAXIMUM DAILY, 180 ON JUN 1
MINIMUM DAILY, 29.6B ON APR 17
MAXIMUM INSTANTANEOUS,
181 AT 04:19 EST ON JUN 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 20 55 N
LONG 91 47 30 W
DRAINAGE AREA, 10 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	128 000	JUL	298 000
FEB	97 200	AUG	258 000
MAR	91 800	SEP	285 000
APR	82 200	OCT	284 000
MAY	268 000	NOV	215 000
JUN	359 000	DEC	160 000

TOTAL DISCHARGE, 2 840 000 dam³

WINISK RIVER BELOW ASHEWEIG RIVER TRIBUTARY - STATION NO. 04DC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	203B	144B	105 B	81.0B	72.5B	714	500E	288E	264	338E	530E	378B	1
2	201B	143B	105 B	80.5B	74.0B	892	487E	278E	260	344E	535E	380B	2
3	199B	141B	104 B	80.0B	76.0B	877	490E	272E	256	350E	540E	382B	3
4	196B	139B	103 B	79.5B	78.0B	860	488E	264E	249	350E	540E	365B	4
5	193B	137B	102 B	79.0B	82.0B	846	485E	267E	247	355E	540E	350B	5
6	191B	136B	101 B	77.7B	82.5B	836	488E	253E	252	388E	540E	342B	6
7	189B	135B	100 B	78.5B	101 B	841	490E	250E	262	438E	540E	338B	7
8	187B	132B	99.0B	77.5B	112 B	842	494E	245E	264	488E	540E	330B	8
9	184B	132B	97.5B	77.0B	123 B	832	497E	241E	263	485E	540E	323B	9
10	183B	131B	97.0B	76.8B	136 B	825	500E	237E	272	485E	535E	318B	10
11	181B	129B	96.0B	76.3B	150 B	827	487E	233A	275	511E	532E	312B	11
12	178B	127B	95.0B	76.0B	168 B	818	475E	230	277	531E	530E	308B	12
13	176B	126B	94.0B	75.8B	183 B	805	485E	228	283	547E	522E	301B	13
14	174B	126B	93.5B	75.5B	203 B	594	450E	226	281	549E	515E	298B	14
15	173B	124B	92.5B	75.0B	222 B	589	440E	221	285	535E	505E	290B	15
16	171B	123B	91.5B	74.5B	246 E	584	428E	218	294	523E	498B	284B	16
17	189B	122B	90.5B	74.2B	272 E	579	418E	219	294	511E	490B	280B	17
18	167B	121B	90.0B	74.0B	297 E	584	405E	214	282	498E	480B	273B	18
19	165B	119B	89.5B	73.5B	327 E	583	387E	217	289	488E	470B	268B	19
20	163B	117B	89.0B	73.5B	350 E	558E	367E	235	283	482E	463B	264B	20
21	162B	116B	88.0B	73.0B	386 E	550E	378E	250	295	477E	452B	259B	21
22	160B	115B	87.0B	72.5B	438 E	548E	388E	245	287	487E	445B	253B	22
23	158B	114B	86.5B	72.3B	480 E	542E	380E	244	305	455E	437B	250B	23
24	156B	113B	86.0B	72.1B	532 E	538E	350E	248	309	453E	428B	248B	24
25	154B	112B	85.2B	72.0B	585 E	532E	342E	244	298	447E	420B	240B	25
26	153B	111B	84.5B	71.8B	645 E	526E	332E	244	323	448E	412B	238B	26
27	152B	109B	84.0B	71.5B	704 E	522E	323E	262	342	472E	404B	231B	27
28	150B	107B	83.5B	71.4B	740 E	518E	316E	270	329	481E	396B	227B	28
29	149B		83.0B	71.2B	748 E	510E	307E	276	334	500E	390B	223B	29
30	146B		82.5B	71.0B	744 A	508E	301E	272	336E	510E	383B	218B	30
31	145B		82.0B		735		293E	268		520E		215B	31
TOTAL	5 329	3 801	2 887.2	2 254.9	10 122.0	17 749	12 952	7 648	8 909	14 394	14 552	8 934	TOTAL
MEAN	172	126	92.5	75.2	327	592	418	247	287	464	485	288	MEAN
MAX	203	144	105	81.0	748	714	500	288	342	549	540	378	MAX
MIN	146	107	82.0	71.0	72.5	508	293	214	247	338	383	215	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 286
MAXIMUM DAILY, 748E ON MAY 29
MINIMUM DAILY, 71.0B ON APR 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 31 00 N
LONG 87 14 00 W
DRAINAGE AREA, 50 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	490 000	JUL	1 120 000
FEB	302 000	AUG	981 000
MAR	248 000	SEP	744 000
APR	195 000	OCT	1 240 000
MAY	875 000	NOV	1 280 000
JUN	1 530 000	DEC	772 000

TOTAL DISCHARGE, 9 410 000 dam³

WINNIPEG RIVER ABOVE BOUNDARY FALLS - STATION NO. 05PF051

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	301.035	300.802	301.151	301.804	302.029	300.658E	300.212	300.027	299.707	1
2	---	---	---	301.032	300.882	301.185	301.858	301.853	300.682E	300.264	299.730	299.635	2
3	---	---	---	300.974	300.883	301.181	301.894	301.671	300.714E	300.268	299.719	299.559	3
4	---	---	---	300.933	300.871	301.163	302.019	301.789	300.647E	300.251	300.062	299.723	4
5	---	---	---	300.930	300.886	301.138	302.093	301.708A	300.586E	300.302	300.204	299.858	5
6	---	---	---	300.927	300.871	301.105	302.126	301.578E	300.550E	300.348	300.133	299.833	6
7	---	---	---	300.921	300.825	301.104	302.188	301.474E	300.585E	300.322	300.215	299.884	7
8	---	---	---	300.878	300.852	301.131	302.226	301.369E	300.578E	300.276	300.214	299.738	8
9	---	---	---	300.868	300.842	301.125	302.255	301.105E	300.472E	300.215	300.248	299.712	9
10	---	---	---	300.902	300.921	301.138	302.278	300.863E	300.412E	300.231	300.188	299.847	10
11	---	---	---	300.897	301.007	301.142	302.278	300.852E	300.440E	300.182	300.247	299.883	11
12	---	---	---	300.886	301.046	301.233	302.313	300.858E	300.480E	300.245	299.918	299.908	12
13	---	---	---	300.857	301.033	301.387	302.344	300.847E	300.488E	300.285	300.093	299.926	13
14	---	---	---	300.838	300.973	301.477	302.355	300.851E	300.388E	300.228	299.871	299.927	14
15	---	---	---	300.810	301.008	301.478	302.364	300.833E	300.382E	300.318	299.826	299.918	15
16	---	---	---	300.808	300.918	301.488	302.348	300.828E	300.378E	300.318	299.873	299.854	16
17	---	---	---	300.807	300.884	301.395	302.338	300.857E	300.333E	300.233	299.880	299.783	17
18	---	---	---	300.782	300.888	301.298	302.332	300.443E	300.348E	300.177	299.853	299.885	18
19	---	---	---	300.780	300.871	301.272	302.321	300.487E	300.338E	300.182	299.826	299.943	19
20	---	---	---	300.749	300.883	301.237	302.312	300.744E	300.340E	300.141	300.041	300.080A	20
21	---	---	300.818A	300.738	300.873	301.248	302.325	300.898E	300.248A	300.102	299.710	---	21
22	---	---	300.848	300.727	300.847	301.333	302.324	300.855E	300.298	300.098	299.695	---	22
23	---	---	300.853	300.754	300.880	301.380	302.328	300.858E	300.340	300.127	299.681	---	23
24	---	---	300.835	300.800	300.802	301.378	302.319	300.832E	300.275	300.087	299.675	---	24
25	---	---	300.827	300.839	300.867	301.398	302.315	300.788E	300.284	300.117	299.700	---	25
26	---	---	300.834	300.885	301.027	301.488	302.304	300.825E	300.283	300.080	299.645	---	26
27	---	---	300.882	300.840	301.047	301.459	302.270	300.967E	300.334	300.143	299.645	---	27
28	---	---	300.870	300.875	301.114	301.528	302.228	300.585E	300.273	300.095	299.655	---	28
29	---		300.888	300.881	301.145	301.584	302.185	300.841E	300.208	300.108	299.745	---	29
30	---		301.018	300.879	301.184	301.654	302.140	300.879E	300.220	300.101	299.789	---	30
31	---		301.058		301.178		302.095	300.812E		300.083		---	31
MEAN	---	---	---	300.878	300.850	301.306	302.222	300.976	300.413	300.185	299.885	---	MEAN
MAX	---	---	---	301.035	301.178	301.654	302.364	302.029	300.714	300.348	300.248	---	MAX
MIN	---	---	---	300.727	300.825	301.104	301.804	300.443	300.208	300.083	299.645	---	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MAXIMUM DAILY, 302.364 ON JUL 15
MINIMUM DAILY, 299.633 ON DEC 6
MAXIMUM INSTANTANEOUS,
302.376 AT 15:06 CST ON JUL 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 12 37 N
LONG 95 05 30 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
128 000 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)
APPLY -000.183 m ADJUSTMENT TO CONVERT TO ONTARIO HYDRO PROJECT DATUM

WINNIPEG RIVER AT MINAKI - STATION NO. 05PE009

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	316.020	315.920	315.870	316.030	316.070	316.020	316.900	316.890	316.050	316.010	316.010	316.080	1
2	316.040	315.930	315.870	316.020	316.070	316.020	316.990	316.490	316.010	316.010	316.010	316.010	2
3	316.050	315.930	315.870	316.030	316.050	316.020	317.060	316.390	315.980	316.010	316.040	316.020	3
4	316.020	315.930	315.880	316.040	316.020	316.030	317.110	316.300	315.950	315.980	316.070	315.970	4
5	316.010	315.930	315.880	316.050	316.000	316.020	317.150	316.220	315.950	315.970	316.050	316.000	5
6	316.000	315.940	315.880	316.060	315.980	316.040	317.200	316.150	315.980	315.890	316.030	316.020	6
7	316.020	315.910	315.850	316.070	315.890	316.090	317.230	316.100	315.950	316.010	316.040	316.020	7
8	316.020	315.920	315.860	316.060	315.860	316.090	317.260	316.060	315.940	316.010	316.050	316.050	8
9	316.000	315.930	315.850	316.060	315.820	316.090	317.270	316.060	315.880	316.020	316.040	316.060	9
10	315.990	315.950	315.850	316.050	315.810	316.090	317.290	316.050	315.970	316.010	316.030	316.080	10
11	316.000	315.970	315.840	316.040	315.870	316.080	317.280	316.050	315.940	316.020	316.030	316.080	11
12	315.990	315.970	315.840	316.030	315.840	316.120	317.300	316.040	315.940	316.010	316.010	316.040	12
13	315.980	315.960	315.930	316.020	315.820	316.140	317.310	316.030	315.920	316.010	316.010	316.040	13
14	315.970	315.960	315.940	316.000	315.850	316.110	317.310	316.010	315.920	315.980	315.980	316.060	14
15	315.970	315.990	315.950	316.000	315.820	316.090	317.300	316.000	315.920	315.980	315.980	316.050	15
16	315.970	316.000	315.990	315.990	315.860	316.080	317.290	316.030	315.920	315.930	316.030	316.030	16
17	315.940	315.990	316.010	315.980	315.810	316.080	317.280	316.080	315.940	315.920	316.020	316.020	17
18	315.940	315.970	316.020	315.970	315.940	316.080	317.280	316.080	315.940	315.900	316.050	316.010	18
19	315.950	315.970	316.010	315.970	315.970	316.080	317.280	316.120	315.960	315.890	316.050	315.970	19
20	315.950	315.970	316.000	315.980	316.000	316.090	317.240	316.130	315.960	315.920	316.030	315.960	20
21	315.960	315.970	316.000	316.010	316.020	316.120	317.230	316.070	315.960	315.960	316.000	315.930	21
22	315.960	315.970	316.010	316.030	316.060	316.160	317.210	316.060	315.910	315.980	316.000	315.910	22
23	315.980	315.970	316.020	316.040	316.050	316.200	317.180	316.040	315.970	315.980	316.010	315.900	23
24	315.980	315.970	316.040	316.060	316.050	316.240	317.180	316.020	315.980	315.970	316.030	315.920	24
25	315.970	315.970	316.070	316.100	316.060	316.280	317.160	316.010	316.000	315.980	316.040	315.940	25
26	315.960	315.970	316.080	316.100	316.070	316.320	317.140	316.030	316.000	315.980	316.010	315.940	26
27	315.960	315.970	316.080	316.080	316.080	316.400	317.120	316.060	316.030	315.980	316.010	315.900	27
28	315.960	315.970	316.080	316.080	316.070	316.510	317.080	316.060	316.060	316.020	316.060	315.880	28
29	315.960		316.080	316.070	316.080	316.640	317.020	316.080	316.070	315.940	316.080	315.900	29
30	315.950		316.080	316.070	316.050	316.780	316.930	316.080	316.030	315.950	316.060	315.970	30
31	315.940		316.050		316.040		316.820	316.080		315.950		315.930	31
MEAN	315.980	315.959	315.997	316.038	315.983	316.188	317.174	316.115	315.970	315.978	316.028	315.987	MEAN
MAX	316.050	316.000	316.090	316.100	316.080	316.780	317.310	316.890	316.070	316.020	316.070	316.080	MAX
MIN	315.940	315.910	315.930	315.970	315.810	316.020	316.820	316.000	315.910	315.890	315.980	315.880	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 316.117
MAXIMUM DAILY, 317.310 ON JUL 13
MINIMUM DAILY, 315.820 ON MAY 13

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 59 15 N
LONG 94 39 45 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

WATER LEVELS ARE REFERRED TO ONTARIO HYDRO PROJECT DATUM
APPLY .183 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

WINNIPEG RIVER AT WHITEDOG FALLS POWERHOUSE - STATION NO. 05PE010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	371	394	513	522	471	489	1 020	948	381	385	212	278	1
2	382	427	516	524	483	519	1 040	916	424	383	237	274	2
3	415	438	519	485	484	539	1 080	884	386	358	235	280	3
4	449	428	520	484	480	587	1 100	824	383	289	258	285	4
5	399	414	520	505	458	552	1 120	783	392	384	252	281	5
6	385	444	523	478	388	529	1 130	743	384	328	270	311	6
7	382	461	520	474	442	583	1 230	717	382	279	286	294	7
8	395	429	521	484	477	588	1 180	843	373	257	288	289	8
9	418	443	521	515	470	570	1 170	528	311	304	334	322	9
10	412	484	522	535	489	518	1 180	478	331	334	284	338	10
11	413	458	511	533	489	532	1 180	482	331	300	270	382	11
12	412	480	529	537	482	599	1 190	478	358	329	240	314	12
13	422	480	548	535	425	740	1 190	483	351	329	285	311	13
14	414	481	479	537	309	730	1 190	446	318	272	297	304	14
15	412	484	492	537	443	718	1 190	398	351	338	234	327	15
16	442	504	448	521	320	704	1 180	385	313	288	222	382	16
17	408	586	488	525	364	870	1 190	381	312	280	278	314	17
18	385	524	512	527	375	833	1 180	380	321	373	242	323	18
19	397	548	538	525	381	840	1 170	388	319	280	238	357	19
20	402	523	524	484	386	858	1 170	830	338	126	295	349	20
21	408	515	480	473	371	702	1 180	483	387	278	311	371	21
22	407	512	487	478	325	743	1 180	472	336	288	283	335	22
23	411	539	488	507	429	785	1 150	450	281	280	284	349	23
24	388	507	500	501	383	770	1 140	442	303	244	229	218	24
25	384	524	478	538	420	778	1 130	410	325	282	245	336	25
26	390	514	483	588	461	803	1 120	335	327	228	201	308	26
27	424	518	516	570	437	823	1 100	385	338	283	223	439	27
28	388	512	511	584	529	886	1 090	345	278	294	261	328	28
29	420		541	589	521	913	1 080	422	246	267	274	118	29
30	424		540	530	523	923	1 050	389	307	259	284	387	30
31	408		586		522		1 040	393		240		270	31
TOTAL	12 570	13 518	15 840	15 573	13 484	20 434	35 300	18 184	10 144	8 989	7 789	9 922	TOTAL
MEAN	405	483	511	519	434	681	1 140	522	338	289	259	320	MEAN
MAX	449	586	586	570	529	923	1 230	948	424	384	334	439	MAX
MIN	371	394	448	473	309	489	1 020	335	246	126	201	118	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 492
MAXIMUM DAILY, 1 230 ON JUL 7
MINIMUM DAILY, 118 ON DEC 29

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 50 07 00 N
LONG 94 52 15 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 080 000	JUL	3 050 000
FEB	1 170 000	AUG	1 490 000
MAR	1 370 000	SEP	878 000
APR	1 350 000	OCT	778 000
MAY	1 180 000	NOV	671 000
JUN	1 770 000	DEC	857 000

TOTAL DISCHARGE, 15 800 000 dam³

WINNIPEG RIVER BELOW KENORA POWERHOUSE - STATION NO. 05PE001

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	317.178	317.171	317.351	317.349	317.287	317.320	318.911	318.080	317.128	318.887	318.786	318.838	1
2	317.177	317.208	317.380	317.345	317.226	317.350	318.880	317.888	317.109	318.884	318.804	318.877	2
3	317.173	317.201	317.383	317.342	317.186	317.408	318.023	317.807	317.094	318.883	318.800	318.884	3
4	317.188	317.210	317.377	317.350A	317.185	317.388	318.084	317.721	317.078	318.868	318.780	318.849	4
5	317.170	317.212	317.378	317.358E	317.186	317.407	319.087	317.868	317.070	318.848	318.742	318.851	5
6	317.171	317.222	317.378	317.365A	317.173	317.414	319.105	317.828	317.068	318.843	318.778	318.884	6
7	317.173	317.225	317.369	317.373	317.184	317.434	319.114	317.813	317.068	318.834	318.802	318.884	7
8	317.180	317.235	317.369	317.380	317.158	317.428	319.135	317.808	317.013	318.837	318.820	318.888	8
9	317.171	317.276	317.370	317.382	317.150	317.454	319.140	317.273	318.963	318.834	318.824	318.884	9
10	317.161	317.296	317.363	317.368	317.138	317.842	319.131	317.264	318.947	318.840	318.809	318.887	10
11	317.161	317.308	317.363	317.366	317.126	317.888	319.126	317.241	318.939	318.845	318.782	318.887	11
12	317.176	317.303	317.358	317.359	317.098E	317.812	319.130	317.237	318.914	318.830	318.715	318.877	12
13	317.186	317.308	317.348	317.354	317.102	317.825	319.135	317.218	318.920	318.778	318.784	318.882	13
14	317.159	317.301	317.349	317.358	317.106	317.829	319.128	317.209	318.842	318.758	318.783	318.880	14
15	317.153	317.317	317.340	317.348	317.106	317.828	319.097	317.203	318.942	318.749	318.789	318.900	15
16	317.164	317.362	317.349	317.349	317.096	317.818	319.085	317.215	318.947	318.730	318.803	318.880	16
17	317.164	317.373	317.354	317.343	317.101	317.807	319.071	317.218	318.952	318.717	318.814	318.860	17
18	317.148	317.377	317.352	317.340	317.138	317.808	319.044	317.224	318.958	318.703	318.785	318.875	18
19	317.155	317.371	317.355	317.327	317.142	317.807	319.033	317.233	318.959	318.692	318.732	318.861	19
20	317.148	317.367	317.307	317.337	317.155	317.809	319.027	317.217	318.969	318.717	318.787	318.844	20
21	317.152	317.377	317.335	317.342	317.158	317.703	319.010	317.196	318.985	318.742	318.800	318.827	21
22	317.156	317.372	317.340	317.348	317.172	317.838	318.979	317.191	318.954	318.743	318.780	318.819	22
23	317.162	317.363	317.345	317.359	317.187	317.899	318.947	317.185	318.959	318.749	318.787	318.815	23
24	317.156	317.370	317.354	317.375	317.172	318.027	318.950	317.158	318.954	318.798	318.793	318.823	24
25	317.156	317.378	317.364	317.398	317.195	318.041	318.927	317.121	318.968	318.787	318.782	318.842	25
26	317.168	317.372	317.363	317.407	317.231	318.138	318.908	317.122	318.987	318.800	318.718	318.837	26
27	317.188	317.363	317.366	317.408	317.310	318.498	318.846	317.151	318.986	318.788	318.783	318.830	27
28	317.188	317.364	317.370	317.395	317.329	318.672	318.780	317.153	318.980	318.750	318.813	318.808	28
29	317.188		317.374	317.348	317.321	318.773	318.824	317.170	318.918	318.712	318.824	318.811	29
30	317.188		317.378	317.330	317.328	318.870	318.362	317.167	318.881	318.781	318.834	318.843	30
31	317.183		317.383		317.328		318.237	317.196		318.778		318.846	31
MEAN	317.163	317.307	317.358	317.380	317.188	317.783	318.988	317.338	318.983	318.789	318.788	318.858	MEAN
MAX	317.180	317.378	317.378	317.408	317.329	318.870	319.140	318.080	317.128	318.887	318.834	318.900	MAX
MIN	317.144	317.171	317.307	317.330	317.096	317.320	318.237	317.121	318.881	318.692	318.718	318.808	MIN

WATER LEVELS IN METRES

MEAN, 317.332
MAXIMUM DAILY, 319.140 ON JUL 3
MINIMUM DAILY, 316.892 ON OCT 19
MAXIMUM INSTANTANEOUS,
319.190 AT 15:55 CST ON JUL 9

WATER LEVELS ARE REFERRED TO LAKE OF THE WOODS DATUM
APPLY -000.177 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1969 ADJ.)

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 46 20 N
LONG 94 30 10 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WINNIPEG RIVER BELOW LAKE OF THE WOODS OUTLETS - STATION NO. 05PE020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	422	449	558	539	474	538	1 210	770	408	348	328	318	1
2	422	477	567	540	423	567	1 220	718	408	344	324	348	2
3	422	477	556	538	418	601	1 220	710	408	347	326	349	3
4	422	477	554	537	418	588	1 250	708	408	348	244	350	4
5	422	478	555	537	418	604	1 280	702	408	348	243	349	5
6	422	478	552	538	417	604	1 250	700	408	348	325	348	6
7	421	478	554	538	421	597	1 270	703	408	347	324	348	7
8	422	500	553	534	421	603	1 280	588	384	347	322	348	8
9	422	524	551	534	421	640	1 270	488	382	339	322	348	9
10	422	523	551	537	422	694	1 280	473	382	348	323	348	10
11	422	522	550	538	423	692	1 280	474	382	348	242	348	11
12	423	522	550	536	424	692	1 280	474	374	329	244	348	12
13	423	521	548	538	424	692	1 280	473	381	298	318	348	13
14	424	521	548	535	424	698	1 220	472	385	298	324	350	14
15	423	545	546	537	428	700	1 210	472	384	298	322	350	15
16	424	568	547	538	423	702	1 220	472	383	299	322	351	16
17	424	567	548	538	417	704	1 180	472	384	300	322	351	17
18	424	567	548	538	428	704	1 180	484	388	300	243	351	18
19	424	568	545	538	428	704	1 170	484	382	302	243	351	19
20	424	585	532	538	428	712	1 180	483	382	300	322	351	20
21	424	584	544	540	428	784	1 140	484	381	300	322	352	21
22	424	584	542	542	428	898	1 130	484	378	300	323	352	22
23	424	582	541	543	424	898	1 130	485	380	297	322	352	23
24	424	581	542	544	424	898	1 120	448	384	323	323	352	24
25	424	581	541	545	427	898	1 130	442	379	324	242	351	25
26	424	580	537	547	487	1 010	1 110	440	380	328	242	351	26
27	424	580	536	547	533	1 170	1 080	442	382	331	316	351	27
28	424	568	537	532	528	1 230	1 030	442	378	245	322	351	28
29	424		537	509	528	1 220	901	442	358	344	322	352	29
30	425		538	511	530	1 220	881	441	350	329	321	351	30
31	424		539		530		882	440		327		350	31
TOTAL	13 118	14 809	16 838	16 098	13 727	23 270	36 094	18 129	11 590	9 888	9 034	10 822	TOTAL
MEAN	423	529	546	537	443	776	1 180	520	386	319	301	349	MEAN
MAX	425	585	586	547	533	1 230	1 280	770	408	348	328	352	MAX
MIN	421	449	532	509	418	535	882	440	350	244	242	319	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 535
MAXIMUM DAILY, 1 280 ON JUL 8
MINIMUM DAILY, 242 ON NOV 11

TYPE OF GAUGE -
LOCATION - LAT 49 47 00 N
LONG 94 30 50 W
DRAINAGE AREA, 70 400 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 130 000	JUL	3 120 000
FEB	1 280 000	AUG	1 380 000
MAR	1 480 000	SEP	1 000 000
APR	1 390 000	OCT	854 000
MAY	1 190 000	NOV	781 000
JUN	2 010 000	DEC	935 000

TOTAL DISCHARGE, 15 800 000 dam³

REMARKS - DAILY DISCHARGES OBTAINED BY SUMMATION OF FLOWS THROUGH ALL LAKE OF THE WOODS OUTLETS

WINNIPEG RIVER BELOW NORMAN DAM AND POWERHOUSE - STATION NO. 05PE012

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	318.868	318.886	317.376	317.380	317.228	317.306	319.451	318.238	318.888	318.878	318.780	316.809	1
2	318.882	317.073	317.375	317.386	317.087	317.384	319.504	318.046	318.882	318.886	318.796	316.888	2
3	318.888	317.084	317.371	317.388	317.042	317.453	319.544	317.888	318.840	318.858	318.783	316.855	3
4	318.869	317.088	317.367	317.387	317.025	317.483	319.583	317.878	318.823	318.840	318.673	316.841	4
5	318.884	317.090	317.367	317.387	317.034	317.471	319.819	317.812	318.814	318.843	316.647	316.843	5
6	318.883	317.082	317.380	317.372	317.005	317.478	319.838	317.784	318.812	318.838	318.758	316.881	6
7	318.884	317.081	317.382	317.375	316.988	317.507	319.858	317.725	318.812	318.828	318.748	316.883	7
8	317.000	317.129	317.382	317.385	316.986	317.508	319.878	317.682	318.888	318.832	318.807	316.888	8
9	316.988	317.218	317.361	317.386	316.972	317.548	319.880	317.232	318.875	318.820	316.815	316.887	9
10	316.982	317.234	317.347	317.373	316.954	317.582	319.870	317.180	318.874	318.838	318.802	316.891	10
11	318.883	317.244	317.346	317.389	316.938	317.587	319.862	317.138	318.889	318.848	316.978	316.887	11
12	316.882	317.246	317.344	317.380	316.907	317.735	319.673	317.128	316.859	318.818	316.807	316.877	12
13	316.967	317.251	317.344	317.350	316.903	317.746	319.677	317.118	316.844	316.729	316.729	316.878	13
14	316.884	317.254	317.346	317.355	316.900	317.753	319.638	317.104	316.848	318.708	316.762	316.884	14
15	316.867	317.298	317.347	317.345	316.903	317.748	319.576	317.088	316.847	316.702	316.772	316.888	15
16	316.958	317.378	317.358	317.347	316.900	317.738	319.588	317.101	318.852	318.880	318.788	316.874	16
17	316.953	317.383	317.362	317.344	316.912	317.728	319.548	317.112	316.851	318.870	318.798	316.881	17
18	316.953	317.380	317.368	317.341	316.948	317.731	319.513	317.118	316.852	316.857	316.672	316.858	18
19	316.957	317.388	317.393	317.338	316.955	317.730	319.504	317.113	316.873	316.842	316.834	316.842	19
20	316.958	317.385	317.331	317.338	316.988	317.738	319.497	317.108	316.875	316.852	316.778	316.833	20
21	316.954	317.387	317.345	317.345	316.993	317.695	319.467	317.078	316.878	316.885	316.787	316.828	21
22	316.951	317.388	317.362	317.355	317.008	316.188	319.423	317.082	316.881	316.895	316.777	316.807	22
23	316.966	317.378	317.357	317.358	317.023	316.252	319.402	317.047	316.865	316.895	316.782	316.793	23
24	316.954	317.378	317.362	317.368	317.023	316.278	319.384	317.023	316.882	316.731	316.784	316.791	24
25	316.965	317.383	317.366	317.412	317.048	316.292	319.381	317.001	316.884	316.751	316.886	316.818	25
26	316.968	317.384	317.374	317.427	317.128	316.428	319.333	317.008	316.883	316.783	316.810	316.813	26
27	316.967	317.380	317.382	317.432	317.282	316.811	319.284	317.025	316.877	316.771	316.726	316.808	27
28	316.964	317.380	317.380	317.402	317.316	319.170	319.093	317.028	316.888	316.843	316.798	316.783	28
29	316.962		317.366	317.328	317.317	319.268	318.767	317.033	316.883	316.894	316.810	316.778	29
30	316.967		317.391	317.309	317.315	318.370	318.588	317.032	316.889	316.713	316.814	316.816	30
31	316.958		317.377		317.304		318.427	317.031		316.751		316.816	31
MEAN	316.872	317.263	317.382	317.385	317.044	317.938	318.431	317.285	316.885	316.754	316.748	316.842	MEAN
MAX	317.000	317.393	317.391	317.432	317.316	319.370	319.880	318.238	316.888	316.888	316.815	316.891	MAX
MIN	316.953	316.886	317.331	317.309	316.900	317.306	318.427	317.001	316.844	316.694	316.607	316.778	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 317.328
MAXIMUM DAILY, 319.880 ON JUL 8
MINIMUM DAILY, 316.694 ON OCT 28
MAXIMUM INSTANTANEOUS,
319.888 AT 13:41 CST ON JUL 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 48 15 N
LONG 94 31 25 W

REGULATED

WATER LEVELS ARE REFERRED TO LAKE OF THE WOODS DATUM
APPLY -000.177 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1988 ADJ.)

WOLF RIVER AT HIGHWAY NO. 17 - STATION NO. 02AC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.958	3.828	2.188	1.808	44.0	15.8	7.79	4.12	2.88	1.78	1.78	1.788	1
2	4.808	3.588	2.188	1.838	39.8	14.2	8.43	3.86	2.52	2.11	1.73	1.768	2
3	4.858	3.508	2.138	1.888	38.7	13.1	8.10	3.73	2.38	2.02	1.88	1.748	3
4	4.808	3.448	2.108	1.888	45.8	12.1	8.82	3.53	2.33	1.88	1.85	1.728	4
5	4.788	3.388	2.078	1.938	54.8	11.8	7.78	3.72	2.81	1.81	1.77	1.708	5
6	4.728	3.338	2.048	1.978	60.3	11.2	7.38	3.90	2.85	1.88	1.83	1.308	6
7	4.688	3.278	2.028	2.048	52.6	11.3	6.78	3.72	2.78	1.77	1.81	1.088	7
8	4.648	3.208	1.988	2.128	44.1	11.7	6.24	3.72	2.68	1.88	1.82	1.188	8
9	4.808	3.148	1.978	2.208	40.8	12.8	5.78	3.71	2.78	1.85	2.20	1.388	9
10	4.588	3.088	1.948	2.308	38.4	13.7	5.67	3.70	2.87	1.84	2.38	1.478	10
11	4.528	3.028	1.928	2.408	37.0	13.8	5.38	3.88	2.81	1.88	2.51	1.848	11
12	4.488	2.978	1.908	2.528	35.8	12.8	5.16	3.43	2.47	1.87	2.49	1.878	12
13	4.448	2.918	1.888	2.708	34.2	13.3	4.81	3.32	2.28	1.80	2.82	1.588	13
14	4.408	2.858	1.888	2.878	33.2	15.1	4.74	3.31	2.15	1.88	2.71	1.588	14
15	4.378	2.808	1.848	3.04	31.7	15.7	4.82	3.13	2.07	1.83	2.87	1.888	15
16	4.348	2.758	1.838	3.27	29.8	15.7	4.84	3.13	1.98	1.83	2.83	1.848	16
17	4.308	2.708	1.828	3.60	27.5	13.9	4.88	3.20	1.90	1.88	2.22	1.528	17
18	4.278	2.668	1.818	3.89	24.8	12.3	5.04	3.18	1.78	1.88	2.188	1.518	18
19	4.238	2.618	1.808	4.37	22.8	11.2	7.23	3.10	1.88	1.52	2.088	1.508	19
20	4.208	2.568	1.788	5.14	21.8	10.2	7.87	3.28	2.17	1.51	2.038	1.488	20
21	4.178	2.528	1.788	5.88	24.7	9.34	7.40	3.10	2.15	1.47	1.988	1.488	21
22	4.138	2.488	1.758	7.54	26.0	8.37	6.57	3.20	2.26	1.42	1.978	1.458	22
23	4.108	2.438	1.748	9.58	27.4	7.88	5.82	3.47	2.15	1.42	1.858	1.448	23
24	4.088	2.398	1.748	12.8	24.7	7.75	5.48	3.71	1.85	1.44	1.838	1.438	24
25	4.028	2.388	1.748	16.8	23.8	7.48	5.37	3.78	2.01	1.44	1.908	1.428	25
26	3.988	2.328	1.758	23.8	24.4	7.37	5.24	3.87	2.01	1.47	1.888	1.418	26
27	3.908	2.288	1.758	33.7	24.9	7.50	5.39	3.87	1.92	1.48	1.868	1.408	27
28	3.858	2.248	1.768	44.8	23.8	7.43	5.18	3.24	1.92	1.51	1.848	1.388	28
29	3.808		1.768	50.3	21.9	7.08	4.82	3.24	1.95	1.81	1.828	1.388	29
30	3.758		1.788	48.3	19.7	7.53	4.51	2.94	1.83	1.87	1.808	1.378	30
31	3.708		1.788		17.7		4.25	2.78		1.87		1.388	31
TOTAL	134.47	80.38	58.38	305.93	1 018.8	340.04	189.22	107.14	67.49	50.74	51.78	45.91	TOTAL
MEAN	4.34	2.87	1.88	10.2	32.9	11.3	6.10	3.48	2.25	1.64	2.08	1.48	MEAN
MAX	4.95	3.62	2.18	50.3	60.3	15.7	8.10	4.12	2.88	2.11	2.71	1.78	MAX
MIN	3.70	2.24	1.74	1.80	17.7	7.08	4.25	2.78	1.79	1.42	1.85	1.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.74
MAXIMUM DAILY, 60.3 ON MAY 6
MINIMUM DAILY, 1.068 ON DEC 7
MAXIMUM INSTANTANEOUS,
61.1 AT 13:21 EST ON MAY 6

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 48 19 N
LONG 88 32 07 W
DRAINAGE AREA, 735 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 800	JUL	18 300
FEB	8 940	AUG	9 260
MAR	8 040	SEP	8 630
APR	28 500	OCT	4 380
MAY	88 000	NOV	5 340
JUN	29 400	DEC	3 970

TOTAL DISCHARGE, 213 000 dam³

WYE CREEK NEAR THORNDALE - STATION NO. 02GD013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2908	0.7908	0.0288	0.542	0.083	0.188	0.024	0.002	0.012	0.011	0.007	0.1888	1
2	0.2108	0.4708	0.0268	0.422	0.076	0.788	0.027	0.002	0.011	0.012	0.008	0.1408	2
3	0.1688	0.3008	0.0278	1.78	0.088	0.413	0.028	0.002	0.008	0.018	0.015	0.1108	3
4	0.1628	0.2008	0.0378	2.70	0.058	0.244	0.034	0.001	0.003	0.020	0.013	0.0808	4
5	0.1588	0.1608	0.2008	1.47	0.078	0.162	0.038	0.001	0.002	0.018	0.013	0.0808	5
6	0.1588	0.1308	0.2508	1.30	0.068	0.117	0.028	0.003	0.002	0.020	0.017	0.0808	6
7	0.181	0.1008	0.0808	0.838	0.061	0.088	0.022	0.002	0.002	0.025	0.038	0.0508	7
8	3.64	0.0858	0.0708	0.586	0.064	0.068	0.018	0.001	0.004	0.031	0.088	0.0428	8
9	0.8508	0.0408	0.2408	0.427	0.052	0.063	0.016	0	0.004	0.035	0.084	0.0388	9
10	0.842	0.0788	1.10 B	0.388	0.047	0.058	0.013	0	0.003	0.049	0.064	0.0358	10
11	0.2408	0.0728	1.00 B	0.402	0.044	0.040	0.011	0	0.004	0.078	0.037	0.0238	11
12	0.323	0.0708	0.8008	0.802	0.058	0.035	0.007	0.002	0.003	0.023	0.033	0.0328	12
13	0.2208	0.0698	0.4508	1.04	0.071	0.038	0.008	0.004	0.001	0.011	0.026	0.0318	13
14	0.1658	0.1838	0.3008	1.03	0.059	0.034	0.007	0.004	0.002	0.008	0.028	0.0308	14
15	0.0958	0.3308	0.8508	1.13	0.051	0.032	0.002	0.018	0.008	0.012	0.378	0.0298	15
16	0.0858	0.1008	0.1608	0.784	0.044	0.033	0	0.048	0.007	0.015	1.18	0.0288	16
17	0.0828	0.0758	0.128	0.618	0.037	0.040	0	0.012	0.008	0.024	0.407	0.0278	17
18	0.087	0.0608	2.28	0.816	0.033	0.038	0	0.005	0.008	0.027	0.202	0.0268	18
19	0.166	0.0558	1.02	0.537	0.028	0.034	0.003	0.003	0.009	0.023	0.129	0.0258	19
20	0.107	0.0508	0.545	0.348	0.081	0.088	0.033	0.008	0.011	0.078	0.148	0.0248	20
21	0.088	0.0508	0.2408	0.241	0.127	0.108	0.030	0.028	0.008	0.037	0.188	0.0238	21
22	0.068	0.0498	0.2008	0.181	0.067	0.114	0.024	0.013	0.014	0.034	0.123	0.0228	22
23	0.100	0.0488	0.5708	0.154	0.055	0.097	0.019	0.010	0.032	0.026	0.084	0.0228	23
24	0.185	0.0438	0.880	0.130	0.051	0.081	0.012	0.007	0.038	0.018	0.078	0.0228	24
25	0.168	0.0408	1.43	0.113	0.068	0.068	0.004	0.007	0.026	0.014	0.088	0.0218	25
26	1.26	0.0378	1.28	0.114	0.435	0.061	0.002	0.008	0.021	0.011	0.087	0.0218	26
27	0.4308	0.0348	1.08	0.103	0.203	0.042	0.040	0.002	0.017	0.011	0.087	0.0218	27
28	0.2908	0.0328	1.88	0.092	0.118	0.033	0.037	0.001	0.018	0.008	0.498	0.0218	28
29	0.408		2.48	0.084	0.088	0.028	0.010	0.002	0.011	0.008	0.318	0.0218	29
30	1.09		1.17	0.099	0.108	0.025	0.008	0.004	0.011	0.008	0.224	0.0218	30
31	0.828		0.788		0.280		0.003	0.002		0.008		0.0308	31
TOTAL	12.835	3.788	21.430	18.082	2.739	3.248	0.508	0.188	0.288	0.871	4.840	1.330	TOTAL
MEAN	0.414	0.134	0.891	0.835	0.088	0.108	0.018	0.008	0.010	0.022	0.181	0.043	MEAN
MAX	3.84	0.790	2.48	2.70	0.435	0.788	0.040	0.048	0.038	0.078	1.18	0.188	MAX
MIN	0.088	0.032	0.027	0.092	0.028	0.028	0	0	0.001	0.008	0.007	0.021	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.193
MAXIMUM DAILY, 3.84 ON JAN 8
MINIMUM DAILY, 0 ON JUL 18
MAXIMUM INSTANTANEOUS,
8.08 AT 10:37 EST ON JAN 8

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 05 30 N
LONG 81 09 03 W
DRAINAGE AREA, 38.9 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 110	JUL	43.8
FEB	328	AUG	18.9
MAR	1 880	SEP	28.7
APR	1 880	OCT	84.0
MAY	237	NOV	392
JUN	761	DEC	116

TOTAL DISCHARGE, 6 100 dam³

WYE RIVER NEAR WYEVALE - STATION NO. 02ED013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.56	3.16 B	0.8908	5.02	0.467	0.821	0.488	0.185	0.459	0.030	0.438	1.70 B	1
2	1.52	1.80 B	0.8508	4.23	0.526	0.593	0.422	0.149	0.464	0.202	0.417	1.36 B	2
3	1.28 B	1.50 B	0.8158	4.38	1.12	0.578	0.387	0.223	0.208	0.344E	0.417	1.10 B	3
4	1.10 B	1.32 B	0.8058	5.37	0.988	1.12	0.382	0.277	0.143	0.302	0.395	1.06 B	4
5	1.00 B	1.23 B	0.8008	4.92	0.840	0.801	0.419	0.347	0.128	0.382	0.378	0.9508	5
6	0.9508	1.05 B	0.5908	3.92	2.48	0.700	0.414	0.289	0.188	0.424	0.407	0.8008	6
7	0.9508	0.9508	0.5408	3.49	2.72	0.592	0.384	0.221	0.184	0.428	0.434	0.8208	7
8	2.80 B	0.8808	0.5278	2.67	5.33	0.522	0.358	0.235	0.240	0.508	0.501	0.8108	8
9	3.30 B	0.8408	0.5208	2.48	3.84	0.884	0.347	0.213	0.321	0.544	0.585	0.8008	9
10	2.30 B	0.8208	0.5258	2.15	2.51	1.38	0.344	0.189	0.419	0.451	0.869	0.7908	10
11	1.85 B	0.8008	0.5258	1.88	2.05	1.38	0.328	0.188	0.438	0.587	0.822	0.7708	11
12	1.88 B	0.7808	0.5008	1.78	2.98	1.12	0.326	0.278	0.335	0.980	0.587	0.7408	12
13	1.82 B	0.7758	0.4808	2.08	3.95	1.02	0.331	0.395	0.324	1.07	0.868	0.7308	13
14	1.80 B	0.7708	0.8508	2.03	2.52	0.993	0.328	0.248	0.350	0.977	0.582	0.7208	14
15	1.48 B	0.7858	5.80 B	2.21	1.98	0.930	0.342	0.292	0.378	1.31	0.885	0.7108	15
16	1.40 B	0.7808	5.40 B	1.88	1.35	0.884	0.339	0.458	0.415	1.75	2.42	0.7008	16
17	1.37 B	0.7808	3.00 B	1.78	1.01	0.888	0.342	0.383	0.444	1.33	2.51	0.8808	17
18	1.35 B	0.7858	2.20 B	1.67	0.881	0.889	0.383	0.240	0.452	1.09	1.48	0.8808	18
19	1.34 B	0.8008	2.17 B	1.38	0.777	1.08	0.347	0.208	0.451	0.938	1.13	0.8708	19
20	1.37 B	0.8208	1.80 B	1.22	0.781	2.40	0.279	0.208	0.483	1.00	2.73	0.8608	20
21	1.20 B	0.8008	1.80 B	1.06	1.27	3.83	0.258	0.240	0.844	1.15	4.40	0.8858	21
22	1.24 B	0.7708	1.45 B	0.818	1.07	3.88	0.241	0.268	0.803	0.948	2.02	0.8808	22
23	1.18 B	0.7808	1.40 B	0.878	0.824	3.81	0.238	0.234	1.13	0.815	1.38	0.8458	23
24	1.14 B	0.7408	1.40 B	0.787	0.734	1.99	0.281	0.198	0.535	0.695	1.10	0.8408	24
25	1.10 B	0.7308	1.70 B	0.708	0.851	1.35	0.258	0.185	0.218	0.597	0.892	0.8358	25
26	1.07 B	0.7208	4.20 B	0.882	0.836	1.06	0.262	0.158	0.118	0.584	1.11	0.8308	26
27	1.08 B	0.7108	13.5 B	0.829	0.831	0.881	0.267	0.180	0.048	0.534	1.42	0.8258	27
28	1.04 B	0.7108	18.4 B	0.550	0.808	0.719	0.329	0.182	0.038	0.508	4.47	0.8208	28
29	1.20 B		18.2 B	0.502	0.518	0.807	0.276	0.203	0.033	0.481	3.21 B	0.8208	29
30	1.50 B		11.6	0.484	0.523	0.848	0.208	0.238	0.013E	0.474	2.13	0.8208	30
31	2.00 B		8.92		0.815		0.177	0.257		0.488		0.9008	31
TOTAL	45.740	27.488	108.557	83.938	47.523	38.090	10.034	7.444	10.042	21.939	40.173	24.580	TOTAL
MEAN	1.48	0.982	3.50	2.13	1.53	1.27	0.324	0.240	0.335	0.708	1.34	0.793	MEAN
MAX	3.30	3.16	18.4	5.37	5.33	3.88	0.488	0.458	1.13	1.75	4.47	1.70	MAX
MIN	0.980	0.710	0.480	0.484	0.467	0.522	0.177	0.148	0.013	0.030	0.378	0.820	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.22
MAXIMUM DAILY, 18.4B ON MAR 28
MINIMUM DAILY, 0.013E ON SEP 30
MAXIMUM INSTANTANEOUS,
20.2B AT 18:52 EST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 38 58 N
LONG 79 54 18 W
DRAINAGE AREA, 118 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 950	JUL	867
FEB	2 370	AUG	643
MAR	9 380	SEP	868
APR	6 970	OCT	1 900
MAY	4 110	NOV	3 470
JUN	3 290	DEC	2 120

TOTAL DISCHARGE, 38 500 dam³

YORK RIVER NEAR BANCROFT - STATION NO. 02KD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.59	6.15	6.04	53.8	21.6	11.7	9.38	1.05	0.743	2.98	2.71	11.7 B	1
2	5.59	6.04	6.04	53.8	24.4	11.6	9.81	1.04	0.830	3.05	2.87	11.3 B	2
3	5.688	7.858	6.028	53.0	31.5	11.5	8.88	1.06	0.812	3.12	3.15	10.4 B	3
4	5.708	7.758	6.308	52.8	38.8	11.6	7.72	1.04	0.783	2.83	3.24	9.678	4
5	5.728	7.858	6.328	53.2	32.3	11.8	7.18	1.05	0.748	2.95	3.20	9.708	5
6	5.748	7.58	6.218	53.6	27.8	10.8	7.28	1.02	0.730	2.85	3.38	9.118	6
7	5.758	7.38	6.348	53.6	29.4	9.13	8.11	0.988	0.721	2.78	3.77	8.908	7
8	5.858	7.30	6.418	52.5	32.1	8.52	4.43	0.975	0.720	2.75	4.13	8.878	8
9	5.348	7.338	6.348	50.8	38.1	8.77	4.11	0.944	0.780	2.80	4.41	8.938	9
10	5.408	7.288	6.218	47.7	36.7	12.9	4.82	0.917	0.811	2.80	5.01	8.188	10
11	5.408	7.18	5.92	40.4	37.7	16.8	4.87	0.905	0.782	2.82	4.74	4.848	11
12	5.378	7.03	5.49	33.8	38.4	15.6	5.00	0.885	0.788	3.06	4.63	5.078	12
13	5.328	6.87	5.58	30.0	43.0	14.5	4.84	0.855	0.781	2.94	4.84	5.218	13
14	5.208	7.03	5.54	28.8	42.5	13.8	3.87	0.838	0.778	2.72	5.33	5.548	14
15	5.108	7.91	5.54	28.5	39.2	13.4	3.08	0.820	0.748	2.80	6.40	5.548	15
16	5.858	8.00	5.81	26.0	34.3	12.8	3.28	0.842	0.887	1.68	8.44	5.508	16
17	5.808	7.90	7.28	23.5	30.6	9.59	2.76	0.815	0.780	1.80	14.3	5.488	17
18	8.008	7.728	9.21	10.1	24.8	10.4	1.22	0.778	0.845	0.741	14.0	5.388	18
19	7.808	7.518	9.328	9.88	21.6	11.1	0.837	0.757	0.778	0.280	14.1	5.858	19
20	8.008	7.36	11.2	9.98	18.1	10.8	1.02	0.853	0.763	0.277	16.8	5.008	20
21	7.858	7.31	12.2	11.0	18.2	10.8	0.898	0.884	0.749	1.72	21.2	5.908	21
22	7.808	7.02	12.2	11.3	18.7	10.8	0.876	0.958	0.945	2.22	22.8	5.708	22
23	7.858	4.98	15.8	11.8	17.5	10.8	0.877	0.928	1.14	0.814	20.3	5.808	23
24	7.808	5.73	19.0	14.4	16.8	10.5	1.06	0.881	1.31	1.73	13.1	5.008	24
25	8.008	6.138	18.5	16.2	15.8	11.1	1.07	2.20	4.21	0.943	12.0	5.388	25
26	8.408	6.188	17.8	17.1	10.3	11.8	1.07	1.97	3.84	1.58	11.8	5.288	26
27	8.358	6.168	17.1	17.8	13.2	11.8	1.16	0.778	3.17	1.35	11.5	5.208	27
28	8.308	6.078	20.0	18.2	13.2	11.0	1.24	0.314	3.08	0.280	12.3	5.328	28
29	8.258		31.1	21.0	12.7	10.1	1.19	0.411	3.08	0.284	12.3	5.068	29
30	8.208		38.8	21.3	12.0	9.60	1.13	0.583	3.01	1.78	12.1	5.008	30
31	8.18		42.8		11.7		1.10	0.825		2.58		5.208	31
TOTAL	212.88	200.38	378.41	823.84	798.8	345.11	111.548	29.024	38.845	82.729	276.75	188.08	TOTAL
MEAN	8.86	7.18	12.2	30.8	25.8	11.5	3.60	0.936	1.33	3.03	9.38	6.39	MEAN
MAX	8.40	8.15	42.8	53.8	43.0	16.8	9.81	2.20	4.21	3.12	22.8	11.7	MAX
MIN	5.59	4.98	5.49	9.88	10.3	8.52	0.837	0.314	0.887	0.280	2.71	4.94	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.81
MAXIMUM DAILY, 53.8 ON APR 1
MINIMUM DAILY, 0.280 ON OCT 19
MAXIMUM INSTANTANEOUS,
54.6 AT 16:42 EST ON APR 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 03 08 N
LONG 77 50 42 W
DRAINAGE AREA, 837 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	18 400	JUL	9 840
FEB	17 300	AUG	2 610
MAR	32 700	SEP	3 420
APR	78 800	OCT	9 430
MAY	88 100	NOV	26 100
JUN	29 800	DEC	17 100

TOTAL DISCHARGE, 309 000 dam³

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ABITIBI RIVER AT ONAKAWANA	04ME003	2
ABITIBI RIVER AT OTTER RAPIDS	04ME004	2
ABITIBI RIVER AT TWIN FALLS	04MC002	3
ALBANY RIVER ABOVE HOTTIK ISLAND	04GD001	3
ALBANY RIVER NEAR HAT ISLAND	04HA001	4
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